JVC®

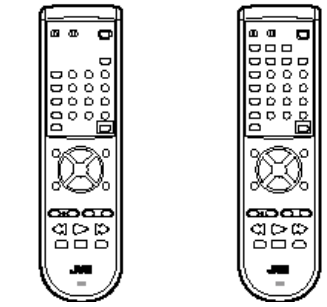
PRELIMINARY

SERVICE MANUAL

COLOUR TELEVISION

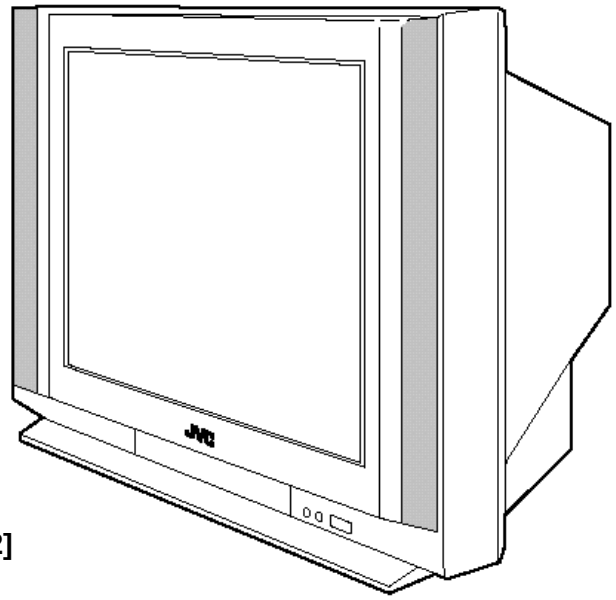
BASIC CHASSIS
AC

AV-36F802 /Y
AV-36F702 /Y



RM-C303G
[AV-36F702]

RM-C301G
[AV-36F802]



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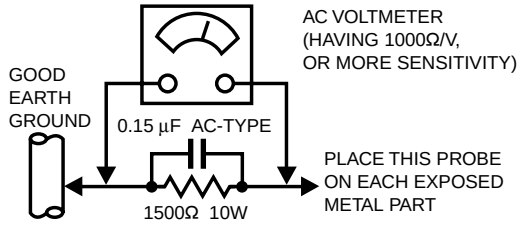
SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
4. **Use isolation transformer when hot chassis.**
   The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.
5. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
   Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
   If above note will not be kept, a fuse or any parts will be broken.
6. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
7. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
8. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.
9. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.
10. **Isolation Check**
    (Safety for Electrical Shock Hazard)
    After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

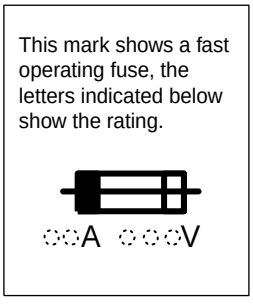
(1) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

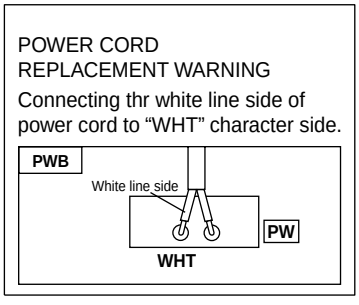
(2) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a “Leakage Current Tester”, measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

● **Alternate Check Method**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15µF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



11. **High voltage hold down circuit check.**
    After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.
    See item **“How to check the high voltage hold down circuit”.**





SERVICE ADJUSTMENTS

ADJUSTMENT PREPARATION

1. **You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.**
2. **Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.**
3. Make sure that AC power is turned on correctly.
4. Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
5. Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
6. Never touch any adjustment parts, which are not specified in the list for this adjustment-variable resistors, transformers, capacitors, etc.
7. Presetting before adjustment.
   Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

● User mode setting position

VIDEO STATUS	STANDARD
HYPER SURROUND	OFF
BASS, TREBLE, BALANCE	CENTER
TINT, COLOR, PICTURE, BRIGHT, DETAIL	CENTER

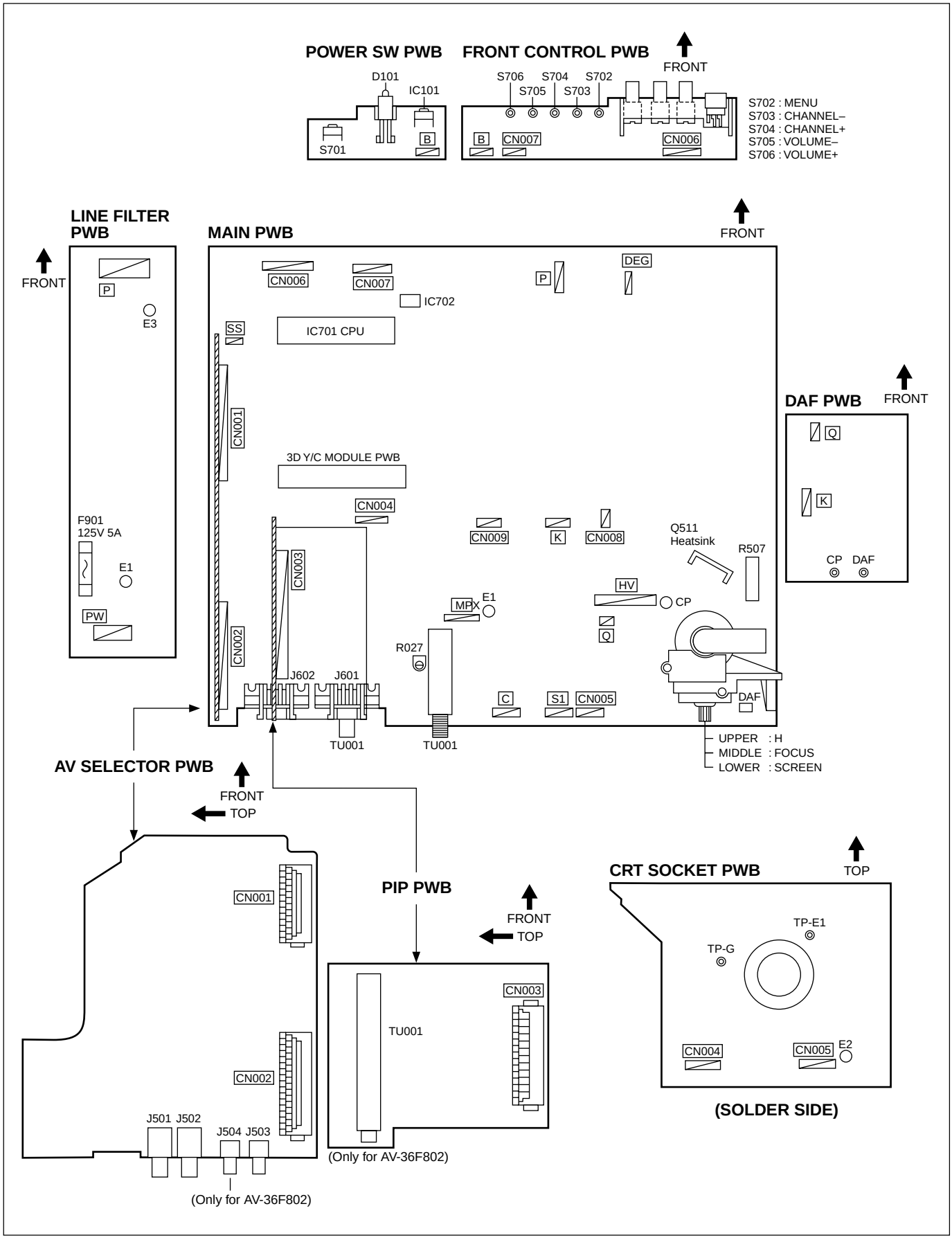
MEASURING INSTRUMENT

1. DC voltmeter(or digital voltmeter)
2. Oscilloscope
3. Signal generator (Pattern generator) [NTSC]
4. Remote control unit
5. TV audio multiplex signal generator
6. Frequency counter
7. Resistor (1MΩ)

ADJUSTMENT ITEMS

- Check of B1 POWER SUPPLY
- RF AGC adjustment
- FOCUS adjustment
- WHITE BALANCE adjustment
  - WHITE BALANCE (Low Light) adjustment
  - WHITE BALANCE (High Light) adjustment
  - PIP HIGH LIGHT WHITE BALANCE Adjustment [Only for AV-36F802]
- BRIGHT adjustment
  - SUB BRIGHT adjustment
- CONTRAST adjustment
  - SUB CONTRAST adjustment
- DEFLECTION adjustment
  - V CENTER and TRAPEZIUM adjustment
  - V SIZE and V LINEARITY adjustment
  - H SIZE and H POSITION adjustment
  - SIDE PIN and CORNER PIN adjustment
  - PIP DISPLAY POSITION adjustment [Only for AV-36F802]
- CHROMA adjustment
  - SUB COLOR adjustment
  - SUB TINT adjustment
- MTS circuit adjustment
  - INPUT LEVEL check
  - STEREO VCO adjustment
  - SAP VCO adjustment
  - FILTER check
  - SEPARATION adjustment
- PURITY and CONVERGENCE adjustments
  - PURITY adjustment
  - STATIC CONVERGENCE adjustment
  - DYNAIC CONVERGENCE adjustment

ADJUSTMENT LOCATIONS



BASIC OPERATION OF SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

In general, basic setting (adjustments) items or verifications are performed in the SERVICE MENU.

- PICTURE ..... This sets the setting values (adjustment values) of the VIDEO/CHROMA and DEFLECTION circuits.
- SOUND ..... This sets the setting values (adjustment values) of the AUDIO circuit.
- THEATER ..... This is used when the THEATER MODE is adjusted.
- OTHERS ..... This is used when the OTHERS MODE is adjustment.
- PIP ..... This sets the setting values (adjustment values) of the PIP circuit. **[Only for AV-36F802]**
- LOW LIGHT ..... This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
- HIGH LIGHT ..... This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
- RF AFC ..... This is used when the RF AFC MODE is verfifed. **[Do not adjust/Only for AV-36F702]**
- RF AFC1 ..... This is used when the RF AFC1 MODE is verified. **[Do not adjust/Only for AV-36F802]**
- RF AFC2 ..... This is used when the RF AFC2 MODE is verified. **[Do not adjust/Only for AV-36F802]**
- VCO (CW) ..... This is not used for service.
- I2C BUS CTRL ..... This is used when ON/OFF of the I2C BUS CTRL is set. **[Fixed ON]**

3. Basic Operations of the SERVICE MENU

(1) How to enter the SERVICE MENU.

Press **SLEEP TIMER** key and, while the indication of **"SLEEP TIMER 0 MIN."** is being displayed, press **DISPLAY** key and **VIDEO STATUS** key on the remote control unit simultaneously to enter the **SERVICE MENU** screen ① shown in the next figure page.

(2) SERVICE MENU screen selection

Press the UP / DOWN key of the MENU to select any of the following items.
(The letters of the selected items are displayed in yellow.)

[AV-36F702]

- PICTURE
- SOUND
- THEATER
- OTHERS
- LOW LIGHT
- HIGH LIGHT
- RF AFC
- VCO(CW)
- I2C BUS CTRL

[AV-36F802]

- PICTURE
- SOUND
- THEATER
- OTHERS
- PIP
- 3-D Y/C
- LOW LIGHT
- HIGH LIGHT
- RF AFC1
- RF AFC2
- VCO(CW)
- I2C BUS CTRL

(3) Enter the any setting (adjustment) mode

[AV-36F702]

- **PICTURE, SOUND and OTHERS mode**

1) If select any of PICTURE, SOUND or OTHERS items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ② will be displayed as shown in figure page later.
2) Then the UP / DOWN key is pressed, the PICTURE mode screen ③ or the SOUND mode screen ④ or the OTHER mode screen ⑤ is displayed, and the PICTURE, SOUND or OTHERS setting can be performed.

[AV-36F802]

- **PICTURE, SOUND, OTHERS and 3-D Y/C mode**

1) If select any of PICTURE, SOUND, OTHERS or 3-D Y/C items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ② will be displayed as shown in figure page later.
2) Then the UP / DOWN key is pressed, the PICTURE mode screen ③ or the SOUND mode screen ④ or the OTHER mode screen ⑤ or the 3-D Y/C mode screen ⑥ is displayed, and the PICTURE, SOUND, OTHERS or 3-D Y/C setting can be performed.

- **PIP mode [Only for AV-36F802]**

1) If select the PIP item, and the LEFT/RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ⑥ will be displayed as shown in figure page later.
2) Then the UP/DOWN key is pressed, the PIP mode screen ⑦ is displayed, and the PIP setting can be performed.

[AV-36F702]

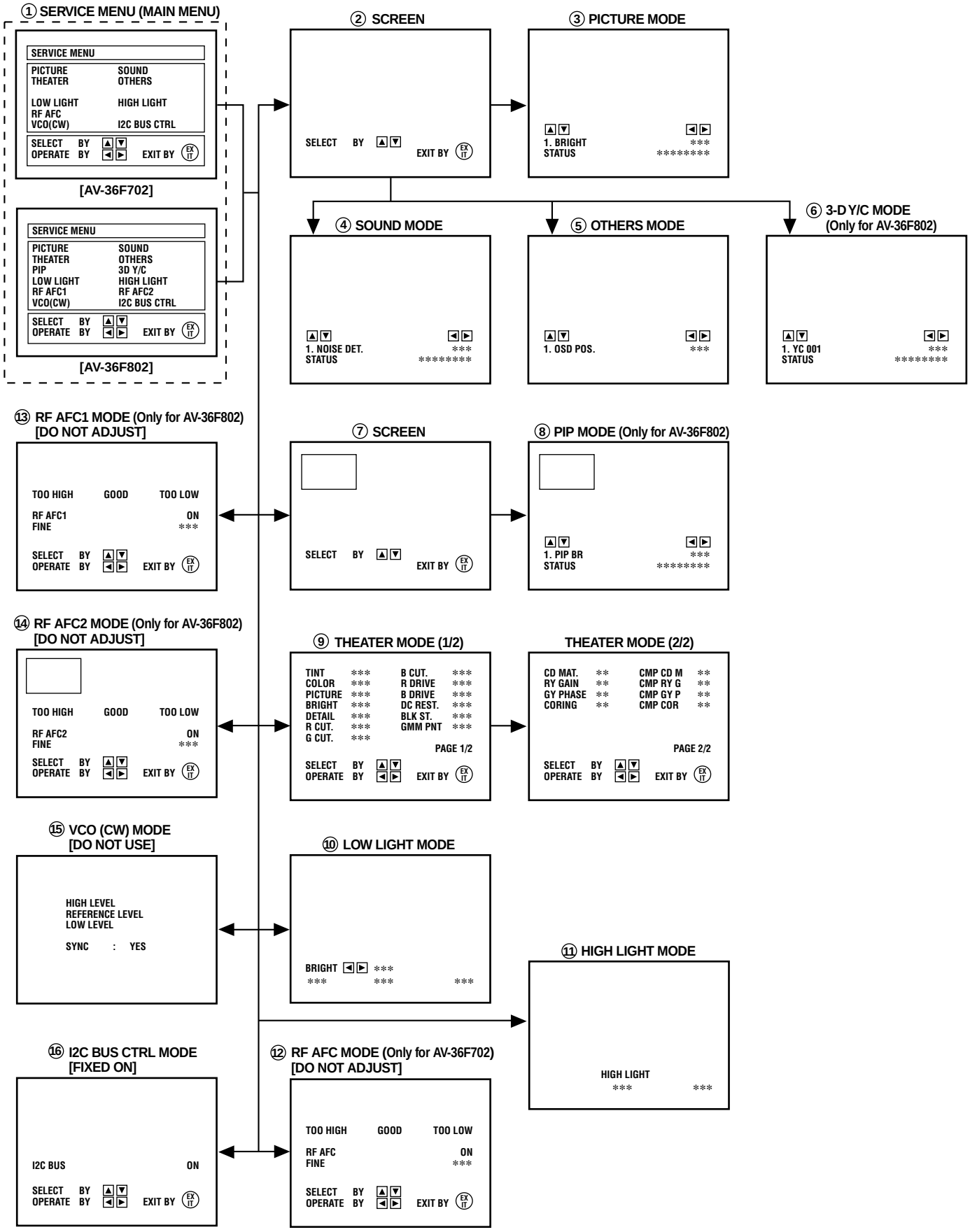
- **THEATER, LOW LIGHT, HIGH LIGHT, RF AFC, VCO(CW) and I2C BUS CTRL mode**

1) If select any of THEATER / LOW LIGHT / HIGH LIGHT / RF AFC / VCO (CW) / I2C BUS CTRL items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screens ⑨ ⑩ ⑪ ⑫ ⑮ ⑯ will be displayed as shown in figure page later.
2) Then the settings or verifications can be performed.

[AV-36F802]

- **THEATER, LOW LIGHT, HIGH LIGHT, RF AFC1, RF AFC2, VCO(CW) and I2C BUS CTRL mode**

1) If select any of THEATER / LOW LIGHT / HIGH LIGHT / RF AFC1 / RF AFC2 / VCO (CW) / I2C BUS CTRL items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screens ⑨ ⑩ ⑪ ⑬ ⑭ ⑮ ⑯ will be displayed as shown in figure page later.
2) Then the settings or verifications can be performed.

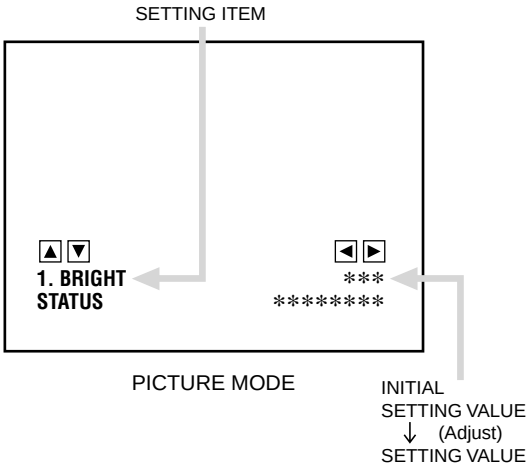

① SERVICE MENU (MAIN MENU)
SERVICE MENU
PICTURE SOUND
THEATER OTHERS
LOW LIGHT HIGH LIGHT
RF AFC
VCO(CW) I2C BUS CTRL
SELECT BY
OPERATE BY
EXIT BY
[AV-36F702]
SERVICE MENU
PICTURE SOUND
THEATER OTHERS
PIP 3D Y/C
LOW LIGHT HIGH LIGHT
RF AFC1 RF AFC2
VCO(CW) I2C BUS CTRL
SELECT BY
OPERATE BY
EXIT BY
[AV-36F802]
② SCREEN
SELECT BY
EXIT BY
③ PICTURE MODE
1. BRIGHT ***
STATUS ********
④ SOUND MODE
1. NOISE DET. ***
STATUS ********
⑤ OTHERS MODE
1. OSD POS. ***
⑥ 3-D Y/C MODE
(Only for AV-36F802)
1. YC 001 ***
STATUS ********
⑬ RF AFC1 MODE (Only for AV-36F802)
[DO NOT ADJUST]
TOO HIGH GOOD TOO LOW
RF AFC1 ON
FINE ***
SELECT BY
OPERATE BY
EXIT BY
⑦ SCREEN
SELECT BY
EXIT BY
⑧ PIP MODE (Only for AV-36F802)
1. PIP BR ***
STATUS ********
⑭ RF AFC2 MODE (Only for AV-36F802)
[DO NOT ADJUST]
TOO HIGH GOOD TOO LOW
RF AFC2 ON
FINE ***
SELECT BY
OPERATE BY
EXIT BY
⑨ THEATER MODE (1/2)
TINT *** B CUT. ***
COLOR *** R DRIVE ***
PICTURE *** B DRIVE ***
BRIGHT *** DC REST. ***
DETAIL *** BLK ST. ***
R CUT. *** GMM PNT ***
G CUT. ***
PAGE 1/2
SELECT BY
OPERATE BY
EXIT BY
THEATER MODE (2/2)
CD MAT. ** CMP CD M **
RY GAIN ** CMP RY G **
GY PHASE ** CMP GY P **
CORING ** CMP COR **
PAGE 2/2
SELECT BY
OPERATE BY
EXIT BY
⑮ VCO (CW) MODE
[DO NOT USE]
HIGH LEVEL
REFERENCE LEVEL
LOW LEVEL
SYNC : YES
⑩ LOW LIGHT MODE
BRIGHT ***
*** *** ***
⑪ HIGH LIGHT MODE
HIGH LIGHT
*** ***
⑯ I2C BUS CTRL MODE
[FIXED ON]
I2C BUS ON
SELECT BY
OPERATE BY
EXIT BY
⑫ RF AFC MODE (Only for AV-36F702)
[DO NOT ADJUST]
TOO HIGH GOOD TOO LOW
RF AFC ON
FINE ***
SELECT BY
OPERATE BY
EXIT BY

(4) Setting method

1) UP / DOWN key of the MENU
   Select the SETTING ITEM.

2) LEFT / RIGHT key of the MENU
   Setting (adjust) the SETTING VALUE of the SETTING ITEM.
   When the key is released the SETTING VALUE will be stored (memorized).

3) EXIT key
   Returns to the previous screen.



(5) Releasing SERVICE MENU

1) After returning to the SERVICE MENU upon completion of the setting (adjustment) work, press the EXIT key again.

★ The settings for LOW LIGHT and HIGH LIGHT are described in the WHITE BALANCE page of ADJUSTMENT.

INITIAL SETTING VALUE OF SERVICE MENU

1. **Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.**
2. **Do not change the initial setting values of the setting (Adjustment) items not listed in "ADJUSTMENT".**

● PICTURE MODE

☆ The four setting items in the video mode No.6 EXT BRI., No.7 EXT PIC., No.8 EXT COL. and No.9 EXT TINT are linked to the items in the TV MODE No.1 BRIGHT, No.2 PICTURE, No.3 COLOR and No.4 TINT, respectively. When the setting items in the TV mode are adjusted, the values in the setting items in the video mode are revised automatically to the same values in the TV mode.(The initial setting values given in ( ) are off-set values.)

☆ When the four items (No.6, 7, 8 and 9) are adjusted in the video mode, the setting values in each item are revised independently.

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	BRIGHT	000 — 127	063	
2	PICTURE	000 — 127	070	
3	COLOR	000 — 127	072	
4	TINT	000 — 127	063	
5	TV DETAIL	000 — 063	050	AV-36F702
	TV DETAIL	000 — 063	045	AV-36F802
6	EXT BRIGHT	±025	±000	
7	EXT PICT.	±025	+002	
8	EXT COLOR	±025	±000	
9	EXT TINT	±025	±000	
10	EXT DETAIL	000 — 063	050	AV-36F702
	EXT DETAIL	000 — 063	045	AV-36F802
11	CMP BRIGHT	±025	±000	
12	CMP PICT.	±025	±000	
13	CMP COLOR	000 — 127	068	
14	CMP TINT	000 — 127	068	
15	CMP DETAIL	000 — 063	050	
16	CMP R CUT	±025	–011	
17	CMP G CUT	±025	±000	
18	CMP B CUT	±025	–001	
19	CMP R DRV	±025	±000	
20	CMP B DRV	±025	±000	
21	WPL	000 / 001	001	
22	B. B. SW	000 / 001	000	
23	C TRAP	000 / 001	000	
24	CORING	000 / 001	000	AV-36F702
	CORING	000 / 001	001	AV-36F802
25	CMP CORING	000 / 001	001	
26	TV SHARPF	000 / 001	001	
27	EXT SHARPF	000 / 001	001	
28	CMP SHARPF	000 / 001	001	
29	RGB CONT	000 — 063	031	
30	TV ID SENS	000 / 001	000	
31	EXT ID SEN	000 / 001	001	
32	F ID	000 / 001	000	
33	Y MUTE	000 / 001	000	
34	AUDIO ATT	000 — 127	127	
35	SUB CONT	000 — 015	008	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
36	R Y GAIN	000 / 001	001	
37	CMP R Y GA	000 / 001	001	
38	G Y PHASE	000 / 001	000	
39	CMP G Y PH	000 / 001	000	
40	CD MATRIX	000 — 003	003	
41	CMP CD MAT	000 — 003	002	
42	BLACK ST	000 — 003	001	
43	DC REST	000 — 003	001	
44	COLOR GMM	000 / 001	000	
45	UV/CBCR	000 / 001	001	
46	AT FLESH	000 / 001	000	
47	ABL GAIN	000 — 003	000	
48	ABL ST PNT	000 — 003	003	
49	RGB ABCL	000 / 001	001	
50	TV BPF TOF	000 / 001	000	
51	EXT BPF TOF	000 / 001	000	
52	GMM PNT	000 — 003	003	
53	SVM GAIN	000 — 003	002	
54	CMP SVM GA	000 — 003	002	
55	SVM PHASE	000 / 001	000	
56	AUDIO SW	000 / 001	000	
57	BUZZ	000 / 001	000	
58	IF FREQ	000 / 001	000	
59	RF AGC	000 — 063	045	
60	AFT MUTE	000 / 001	000	
61	AFT SENS	000 / 001	001	
62	R/G DRV SW	000 / 001	001	
63	BLK SW	000 / 001	000	
64	V S COR	000 — 015	010	
65	V LIN	000 — 015	005	
66	V SIZE	000 — 127	063	
67	V AGC	000 / 001	000	
68	V CENTER	000 — 063	052	
69	TV AFC	000 — 003	000	
70	EXT AFC	000 — 003	002	
71	V POSI	000 — 007	000	
72	H POSI	000 — 031	020	
73	H SIZE	000 — 063	028	
74	TV V FREQ	000 — 003	000	
75	EXT V FREQ	000 — 003	003	
76	SIDE PIN	000 — 063	025	
77	STAND BY	000 / 001	000	
78	TRAPEZ	000 — 063	035	
79	V RAMP REF	000 / 001	001	
80	V 48HZ	000 / 001	000	
81	V EHT	000 — 007	000	
82	TOP PIN	000 — 031	012	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
83	H EHT	000 — 007	000	
84	BTM PIN	000 — 031	011	
85	V BLK LOW	000 — 003	000	
86	V BLK UP	000 — 003	000	
87	CAPTION IN	000 / 001	000	
88	H BLK	000 / 001	000	
89	SCREEN	000 / 001	000	
90	ACB SW	000 / 001	000	
91	ACB PULSE	000 — 015	007	
92	OVER MODU	000 / 001	001	
93	CB/CR_FIL	000 / 001	001	
94	TEST	000 — 255	128	
95	RF S/N TY	000 — 001	002 (36F702) / 001 (36F802)	
96	EXT S/N TY	000 — 002	002 (36F702) / 001 (36F802)	
97	RF SN YC E	000 — 255	005	
98	RF SN YC F	000 — 255	016	
99	RF SN YC G	000 — 063	032	
100	RF SN YC H	000 — 255	025	
101	EX SN YC E	000 — 255	005	
102	EX SN YC F	000 — 255	016	
103	EX SN YC G	000 — 063	032	
104	EX SN YC H	000 — 255	025	
105	RF SN VC 1	000 — 063	000	
106	RF SN VC 2	000 — 063	007	
107	RF SN VC 3	000 — 063	014	
108	RF SN VC 4	000 — 063	021	
109	EX SN VC 1	000 — 063	000	
110	EX SN VC 2	000 — 063	007	
111	EX SN VC 3	000 — 063	014	
112	EX SN VC 4	000 — 063	021	
113	COR LEVEL	000 — 003	003	
114	VNR CHK	000 — 255	003	
115	YC SN TIME	000 — 255	005	
116	VC SN TIME	000 — 255	005	
117	VM DATA A	±127	+008	
118	VM DATA B	±127	–004	
119	VM DATA C	±127	–016	
120	VM DATA D	000 / 001	001	
121	VC SN STOP	000 — 255	010	
122	CH MUTE	000 / 001	000	
123	VM OFF TY	000 / 001	000	
124	VC VM OFF	000/001	001	
125	YC VM OFF	000 — 255	255	
126	F LOCK	000 — 002	002	
127	VF LOCK EX	000/001	000	
128	PURI RGB	000 — 063	031	
129	PURI BCK	000/001	000	

● SOUND MODE

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	NOISE DET.	000 / 001	001	
2	IN LEVEL	000 — 063	025	
3	FH MONITOR	000 / 001	000	
4	STEREO VCO	000 — 063	030	
5	PILOT CAN.	000 / 001	000	
6	FILTER	000 — 063	030	
7	LOW SEP.	000 — 063	028	
8	HI SEP.	000 — 063	025	
9	5FH MON.	000 / 001	000	
10	SAP VCO	000 — 063	003	
11	IN GAIN	000 / 001	000	
12	FIL. OFFSET	000 — 010	000	
13	BBE BASS	±015	+001	
14	BBE TRE	±015	–001	

● THEATER MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
TINT	±20	–06	
COLOR	±20	–03	
PICTURE	±50	–15	
BRIGHT	±20	±00	
DETAIL	±20	+03	
R CUTOFF	±20	±00	
G CUTOFF	±20	±00	
B CUTOFF	±20	±00	
R DRIVE	±99	+07	
B DRIVE	±99	–25	
DC REST.	00 — 03	01	
BLK ST.	00 — 03	00	
GMM PNT	00 — 03	01	
CD MATRIX	00 — 03	01	
RY GAIN	00 / 01	01	
GY PHASE	00 / 01	00	
CORING	00 / 01	01	
CMP CD M	00 — 03	01	
CMP RY G	00 / 01	01	
CMP GY P	00 / 01	00	
CMP COR	00 / 01	01	

● OTHERS MODE

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	OSD POS.	000 — 007	002	
2	CCD POS.	000 — 015	003	
3	EOSEL	000 / 001	000	
4	MENU COLOR	000 — –030	–010	
5	MENU PICT.	000 — –030	–010	
6	MENU BRI.	000 — –030	–010	

● PIP MODE [Only for AV-36F802]

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	PIP BR	000 — 015	005	
2	PIP PICT	000 — 075	045	
3	PIP TINT	000 — 063	036	
4	PIP COL	000 — 015	010	
5	P R CUT	000 — 015	003	
6	P G CUT	000 — 015	000	
7	P B CUT	000 — 015	002	
8	P R DR	000 — 255	052	
9	P G DR	000 — 255	055	
10	P B DR	000 — 255	060	
11	LEFT POS.	000 — 255	012	
12	RIGHT POS.	000 — 255	026	
13	UPPER POS.	000 — 127	012	
14	LOWER POS.	000 — 127	011	
15	PICT LOCK	000 / 001	001	
16	SELDEL	000 — 007	000	
17	AGCFIX	000 / 001	001	
18	AGCADST	000 / 001	000	
19	AGC	000 — 015	007	
20	VSPDEL	000 — 031	000	
21	VSPISQ	000 / 001	001	
22	YCOR	000 / 001	001	
23	XFREQF	000 / 001	001	
24	WTCHDG	000 / 001	001	
25	COLON	000 / 001	000	
26	ACQNEW	000 / 001	000	
27	DSTDET	000 / 001	001	
28	CRIBEOK	000 / 001	000	
29	FCBEOK	000 / 001	000	
30	NOCRID	000 / 001	000	
31	NONSED	000 / 001	000	

● 3-D Y/C MODE [Only for AV-36F802]

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	YC 001	000 ~ 003	001	
2	YC 002	000 ~ 003	001	
3	YC 003	000 ~ 003	001	
4	YC 004	000 ~ 003	000	
5	YC 005	000 ~ 003	000	
6	YC 006	000 ~ 003	000	
7	YC 007	000 ~ 003	003	
8	YC 008	000 ~ 003	000	
9	YC 009	000 ~ 003	001	
10	YC 010	000 ~ 003	000	
11	YC 011	000 ~ 007	004	
12	YC 012	000 ~ 007	002	
13	YC 013	000 ~ 015	002	
14	YC 014	000 ~ 015	010	
15	YC 015	000 ~ 015	002	
16	YC 016	000 ~ 015	004	
17	YC 017	000 / 001	000	
18	YC 018	000 / 001	000	
19	YC 019	000 ~ 003	002	
20	YC 020	000 / 001	000	
21	YC 021	000 / 001	000	
22	YC 022	000 ~ 003	002	
23	YC 023	000 / 001	000	
24	YC 024	000 / 001	000	
25	YC 025	000 / 001	000	
26	YC 026	000 ~ 003	000	
27	YC 027	000 ~ 003	001	
28	YC 028	000 ~ 003	001	
29	YC 029	000 ~ 003	001	
30	YC 030	000 ~ 003	001	
31	YC 031	000 ~ 003	002	
32	YC 032	000 / 001	000	
33	YC 033	000 ~ 007	000	
34	YC 034	000 ~ 015	000	
35	YC 035	000 ~ 007	002	
36	YC 036	000 ~ 031	015	
37	YC 037	000 ~ 003	000	
38	YC 038	000 ~ 015	009	
39	YC 039	000 ~ 003	001	
40	YC 040	000 ~ 003	001	
41	YC 041	000 / 001	000	
42	YC 042	000 / 001	000	
43	YC 043	000 / 001	000	
44	YC 044	000 / 001	001	
45	YC 045	000 ~ 015	003	
46	YC 046	000 ~ 015	012	
47	YC 047	000 ~ 015	008	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
48	YC 048	000 ~ 015	004	
49	YC 049	000 ~ 015	010	
50	YC 050	000 / 001	001	
51	YC 051	000 / 001	001	
52	YC 052	000 ~ 003	000	
53	YC 053	000 / 001	000	
54	YC 054	000 / 001	001	
55	YC 055	000 / 001	001	
56	YC 056	000 / 001	001	
57	YC 057	000 ~ 015	000	
58	YC 058	000 / 001	000	
59	YC 059	000 / 001	001	
60	YC 060	000 ~ 003	000	
61	YC 061	000 ~ 015	000	
62	YC 062 DBL	000 ~ 007	002	
63	YC 063 N/A	000 ~ 015	002	
64	YC 064 N/A	000 ~ 015	004	
65	YC 065 N/A	000 ~ 015	002	
66	YC 066 N/A	000 ~ 015	004	
67	YC 067	000 / 001	000	
68	YC 068	000 / 001	000	
69	YC 069	000 / 001	000	
70	YC 070 FIX	000 ~ 003	000	
71	YC 071	000 / 001	000	
72	YC 072	000 / 001	000	
73	YC 073	000 / 001	001	
74	YC 074 FIX	000 / 001	000	
75	YC 075 FIX	000 / 001	000	
76	YC 076	000 / 001	001	
77	YC 077 FIX	000 / 001	000	
78	YC 078 FIX	000 / 001	000	
79	YC 079 FIX	000 ~ 007	005	
80	YC 080 FIX	000 ~ 015	000	
81	YC 081 FIX	000 ~ 015	008	
82	YC 082 FIX	000 ~ 015	004	
83	YC 083 FIX	000 ~ 015	004	
84	YC 084 DBL	000 ~ 255	112	
85	YC 085 DBL	000 ~ 255	008	
86	YC 086	000 / 001	001	
87	YC 087	000 ~ 003	003	
88	YC 088	000 / 001	001	
89	YC 089	000 / 001	000	
90	YC 090	000 / 001	000	
91	YC 091	000 / 001	000	
92	YC 092 N/A	000 / 001	000	
93	YC 093 N/A	000 / 001	000	
94	YC 094 DBL	000 ~ 003	001	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
95	YC 095 DBL	000 / 001	001	
96	YC 096 DBL	000 / 001	001	
97	YC 097 DBL	000 / 001	000	
98	YC 098 DBL	000 / 001	000	
99	YC 099 DBL	000 ~ 003	000	
100	YC 100 DBL	000 ~ 003	000	
101	YC 101 DBL	000 / 001	000	
102	YC 102 DBL	000 / 001	000	
103	YC 103 DBL	000 / 001	001	
104	YC 104 DBL	000 / 001	000	
105	YC 105 DBL	000 / 011	000	
106	YC 106 DBL	000 / 001	000	
107	YC 107 DBL	000 ~ 007	002	
108	3-D Y/C	000 / 001	001	

● LOW LIGHT MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
R CUTOFF	0 — 255	085	
G CUTOFF	0 — 255	085	
B CUTOFF	0 — 255	085	

● HIGH LIGHT MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
R DRIVE	0 — 127	060	
B DRIVE	0 — 127	060	

● RF AFC MODE [Only for AV-36F702]

Setting (Adjustment) item	Variable range	Initial setting value	Remark
RF AFC	ON / OFF	ON (DO NOT ADJUST)	
FINE	-77 — +77	± × ×	

● RF AFC1 MODE [Only for AV-36F802]

Setting (Adjustment) item	Variable range	Initial setting value	Remark
RF AFC1	ON / OFF	ON (DO NOT ADJUST)	
FINE	-77 — +77	± × ×	

● RF AFC2 MODE [Only for AV-36F802]

Setting (Adjustment) item	Variable range	Initial setting value	Remark
RF AFC2	ON / OFF	ON (DO NOT ADJUST)	
FINE	-77 — +77	± × ×	

● I2C BUS CTRL MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
I2C BUS	ON/OFF	[FIXED ON] (DO NOT ADJUST)	

ADJUSTMENTS

B1 POWER SUPPLY

Item	Measuring instrument	Test point	Adjustment part	Description
Check of B1 POWER SUPPLY	**DC Voltmeter**	**R507 C504 side (B1)** **Q511 heatsink (⏚)**		1. Receive a black-and-white signal. 2. Connect the DC Voltmeter to R507 C504 side (B1) and Q511 heatsink (⏚). 3. Confirm that the voltage is DC134V $^{+2V}_{-2V}$.

ADJUSTMENT OF RF AGC

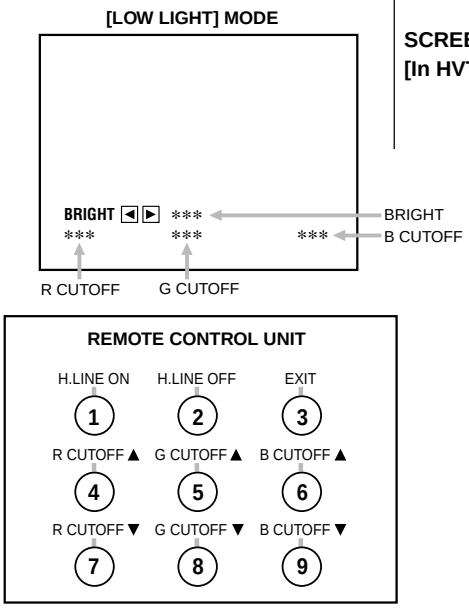
Item	Measuring instrument	Test point	Adjustment part	Description
RF AGC adjustment			**No.59 RF AGC**	1. Receive a broadcast. 2. Select the No.59 RF AGC of the PICTURE MODE. 3. Press the MUTING key of the remote control unit and turn off color. 4. With the LEFT key of the remote control unit, get noise in the screen picture. (0 side of setting value) 5. Press the RIGHT key of the remote control unit and stop when noise disappears from the screen. 6. Change to other channels and make sure that there Is no irregularity. 7. Press the MUTING key and get color out.

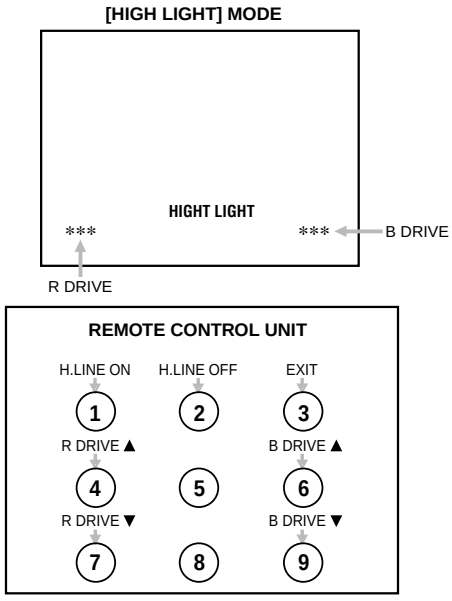
ADJUSTMENT OF FOCUS

Item	Measuring instrument	Test point	Adjustment part	Description
FOCUS adjustment	**Signal generator**		**FOCUS VR [In HVT]** **H VR [In HVT]**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of B1 POWER SUPPLY, SUB BRIGHT and PICTURE. • Set VIDEO STATUS to “STANDARD”. • The final adjustment of CONVERGENCE must be done after the FOCUS adjustment. (CONVERGENCE is changed by FOCUS adjustment.) When makes difference by FOCUS adjustment, should be reconfirming PURITY adjustment. 1. Receive a crosshatch signal. 2. While looking at the screen center, adjust the FOCUS VR so that the horizontal lines will be clear and in fine detail. 3. Adjust the H VR so that the vertical lines will be clear and in fine detail. 4. Make sure that the picture is in focus even when the screen gets darkened.

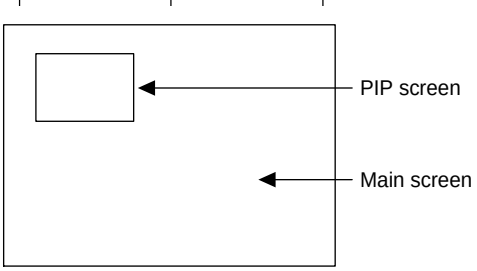
ADJUSTMENT OF WHITE BALANCE

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (LOW LIGHT) adjustment	**Signal generator**		**No.1 BRIGHT** **R CUTOFF** **G CUTOFF** **B CUTOFF** **SCREEN VR** **[In HVT]**	**Note :** Set VIDEO STATUS to “STANDARD”. 1. Receive a black-and-white signal.(Color off) 2. Select the [LOW LIGHT] MODE from the SERVICE MENU. 3. Set the initial setting value of BRIGHT is 063 with the LEFT / RIGHT key of the remote control unit. 4. Set the initial setting value of R CUTOFF, G CUTOFF and B CUT-OFF is 085 with the ④ to ⑨ key of the remote control unit. 5. Display a single horizontal line by pressing the ① key of the remote control unit. 6. Turn the screen VR all the way to the left. 7. Turn the screen VR gradually to the right from the left until either one of the red, blue or green colors appears faintly. 8. Adjust the two colors which did not appear until the single horizontal line that is displayed becomes white using the ④ to ⑨ keys of the remote control unit. 9. Turn the screen VR to where the single horizontal line glows faintly. 10. Press the ② key to return to the regular screen. * The ③ EXIT key is the cancel key for the WHITE BALANCE.
WHITE BALANCE (HIGH LIGHT) adjustment	**Signal generator**		**R DRIVE** **B DRIVE**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of WHITE BALANCE LOW LIGHT. • Set VIDEO STATUS to “STANDARD”. 1. Receive a black-and-white signal. (Color off) 2. Select the [HIGH LIGHT] MODE from the SERVICE MENU. 3. Set the initial setting value of R DRIVE and B DRIVE is 060 with the ④, ⑥, ⑦ and ⑨ keys of the remote control unit. 4. Adjust the screen until it becomes white using the ④, ⑥, ⑦ and ⑨ keys of the remote control unit. * The ③ (EXIT) key is the cancel key for the WHITE BALANCE.





Item	Measuring instrument	Test point	Adjustment part	Description
PIP WHITE BALANCE HIGH LIGHT adjustment [AV-36F802]	**Signal generator**		**No.8 P R DR** **No.10 P B DR**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of WHITE BALANCE LOW LIGHT and WHITE BALANCE HIGH LIGHT for the main picture. • Set VIDEO STATUS to “STANDARD”. 1. Receive a black-and-white signal. (Color off) 2. Select the PIP MODE from the SERVICE MENU. 3. Then adjust the white color of the PIP screen using the No. 8 P R DR and the No. 10 P B DR of the PIP MODE so that it is the same brightness as the main screen.



ADJUSTMENT OF BRIGHT

Item	Measuring instrument	Test point	Adjustment part	Description
SUB BRIGHT adjustment			**No.1 BRIGHT**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of WHITE BALANCE LOW LIGHT and WHITE BALANCE HIGH LIGHT. • Set VIDEO STATUS to “STANDARD”. 1. Receive a broadcast. 2. Select the No.1 BRIGHT of the PICTURE MODE. 3. Set the initial setting value of the No.1 BRIGHT with the LEFT / RIGHT key of the remote control unit. 4. If the brightness is not best with the initial setting value, make fine adjustment of the No.1 BRIGHT until you get the optimum brightness.

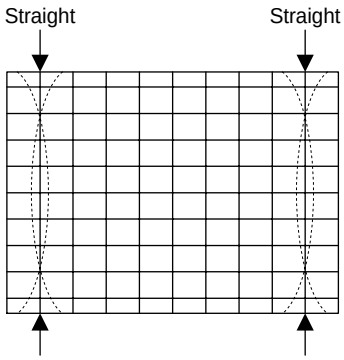
ADJUSTMENT OF CONTRAST

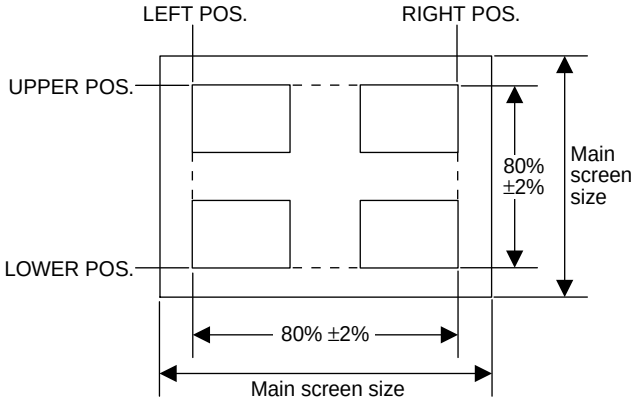
Item	Measuring instrument	Test point	Adjustment part	Description
SUB CONTRAST adjustment			**No.2 PICTURE**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of SUB BRIGHT. • Set VIDEO STATUS to “STANDARD”. 1. Receive a broadcast. 2. Select the No.2 PICTURE of the PICTURE MODE. 3. Set the initial setting value of the No.2 PICTURE with the LEFT / RIGHT key of the remote control unit. 4. If the contrast is not best with the initial setting value, make fine adjustment of the No.2 PICTURE until you get the optimum contrast.

ADJUSTMENT OF DEFLECTION

Item	Measuring instrument	Test point	Adjustment part	Description
V CENTER and TRAPEZIUM adjustment	**Signal generator**		**No.68 V CENTER** **No.78 TRAPEZ**	1. Receive a crosshatch signal. 2. Adjust the No.68 V CENTER of the PICTURE MODE to be the same between the CRT vertical center and crosshatch vertical center. 3. Adjust the No.78 TRAPEZ of the PICTUER MODE to be the vertical lines straight. 4. Confirm the vertical lines to be straight. If it is not straight, adjust to be straight at the No.78 TRAPEZ.
V SIZE and V LINEARITY adjustment	**Signal generator**		**No.66 V SIZE** **No.65 V LIN**	1. Receive a crosshatch signal. 2. Select the No.66 V SIZE of the PICTURE MODE to squeeze the laster. 3. Adjust the No.65 V LIN of the PICTURE MODE to be symmetrical. 4. Adjust the No.66 V SIZE until the vertical screen size is 92%.
H SIZE and H POSITION adjustment	**Signal generator**		**No.73 H SIZE** **No.72 H POSI**	**Note:** Proceed to the following this adjustment after having completed the adjustments of FOCUS, V CENTER, TRAPEZIUM, V-SIZE and V-LINEARITY. 1. Receive a crosshatch signal. 2. Select the No.73 H SIZE of the PICTURE MODE. 3. Set the initial setting value of the No.73 H SIZE with the LEFT / RIGHT key of the remote control unit. 4. Adjust the No.73 H SIZE until the horizontal screen size is 90%. 5. Adjust the No.72 H POSI until the screen will be horizontally centered.

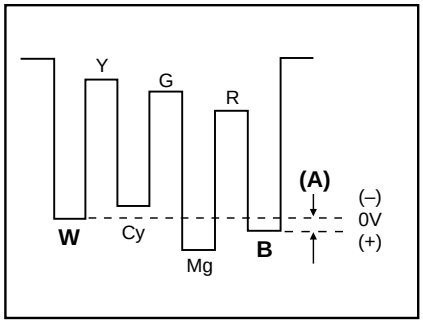
Item	Measuring instrument	Test point	Adjustment part	Description
SIDE PIN and CORNER PIN adjsutment	**Signal generator**		**No.76 SIDE PIN** **No.82 TOP PIN** **No.84 BTM PIN**	**Note:** Proceed to the following this adjustment after having completed the adjustments of FOCUS, V CENTER, TRAPEZIUM, V-SIZE and V-LINEARITY. 1. Receive a crosshatch signal. 2. Adjust such that vertical 2nd lines from left and right to be straight at the No.76 SIDE PIN of the PICTURE MODE. 3. Adjust the end of vertical 2nd lines from left and right to be straight at the No.82 TOP PIN and the No.84 BTM PIN of the PICTURE MODE.
PIP DISPLAY POSITION adjustment [AV-36F802]			**No.11 LEFT POS.** **No.12 RIGHT POS.** **No.13 UPPER POS.** **No.14 LOWER POS.**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of V CENTER, TRAPEZIUM, V-SIZE, V-LINEARITY, H SIZE, H POSITION, SIDE PIN and CORNER PIN for the main picture. • Set VIDEO STATUS to “STANDARD”. 1. Receive a broadcast. 2. Select the PIP MODE from the SERVICE MENU. 3. Then adjust the PIP screen size so that it occupies 80% ± 2% of the main screen area.

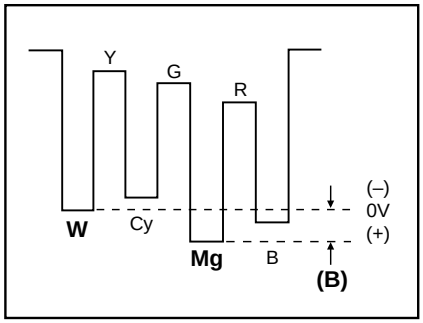




ADJUSTMENT OF CHROMA

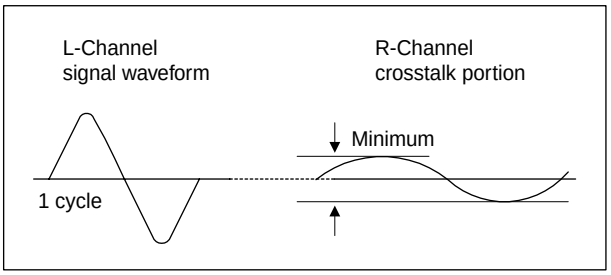
Item	Measuring instrument	Test point	Adjustment part	Description
SUB COLOR adjustment	**Signal generator Oscilloscope Remote control unit**	**TP-B TP-E1 (⏚) [CRT SOCKET PWB]**	**No.3 COLOR**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment without measuring instrument]** 1. Receive a broadcast. 2. Select the No.3 COLOR of the PICTURE MODE. 3. Set the initial setting value of the No.3 COLOR with the LEFT/RIGHT key of the remote control unit. 4. If the color is not the best with the Initial setting value, make fine adjustment of the No.3 COLOR until you get the optimum color.
				Notes: • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment using measuring instrument]** 1. Input the full field color bar signal (75% white). 2. Select the No.3 COLOR of the PICTURE MODE. 3. Set the initial setting value of the No.3. COLOR with the LEFT/RIGHT key of the remote control unit. 4. Connect the oscilloscope between TP-B and TP-E1. 5. Adjust COLOR and bring the value of (A) in the illustration to the voltage +26V (V_{W-B}).
SUB TINT adjustment	**Signal generator Oscilloscope Remote control unit**	**TP-B TP-E1 (⏚) [CRT SOCKET PWB]**	**No.4 TINT**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment without measuring instrument]** 1. Receive a broadcast. 2. Select the No.4 TINT of the PICTURE MODE. 3. Set the initial setting value of the No.4 TINT with the LEFT/RIGHT key of the remote control unit. 4. If the tint is not the best with the initial setting value, make fine adjustment of the No.4 TINT until you get the optimum tint.
				Notes: • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment using measuring instrument]** 1. Input the full field color bar signal (75% white). 2. Select the No.4 TINT of the PICTURE MODE. 3. Set the initial setting value of the No.4 TINT with the LEFT/RIGHT key to the remote control unit. 4. Connect the oscilloscope between TP-B and TP-E1. 5. Adjust TINT and bring the value of (B) in the illustration to the voltvoltage +14V (V_{W-Mg}).





ADJUSTMENT OF MTS CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL check			**No.2 IN LEVEL**	1. Select the No.2 IN LEVEL of the SOUND MODE. 2. Verify that the No.2 IN LEVEL is set at its initial setting value.
MTS STEREO VCO adjustment	**Signal generator** **Frequency counter**	**[MPX] Connector** **2 pin AUDIO R** **3 pin GND**	**No.3 FH MONITOR** **No.4 STEREO VCO**	**Note:** Menu "MTS" is set to "STEREO" 1. Receive a RF signal (nonmodulated sound signal) from the antenna terminal. 2. Select the No.3 FH MONITOR of SOUND MODE, and change the setting value from 0 to 1. 3. Connect the Frequency Counter to pin 2 of [MPX] connector and GND (Pin 3 of [MPX] connector). 4. Select the No.4 STEREO VCO. 5. Set the initial setting value of the No.4 STEREO VCO with the LEFT/RIGHT key of the remote control unit. 6. Adjust the No.4 STEREO VCO so that the frequency counter will display 15.73kHz±0.1kHz. 7. Select the No.3 FH MONITOR of the SOUND MODE, and reset the setting value from 1 to 0.
MTS SAP VCO adjustment	**Signal generator** **Frequency counter**	**[MPX] Connector** **4 pin TP_952.5** **3 pin GND** **2 pin AUDIO_R**	**No.9 5FH MON.** **No.10 SAP VCO**	1. Receive a RF signal (non modulated sound signal) from the antenna terminal. 2. Connect between pin 4 of [MPX] connector and GND (Pin 3 of [MPX] connector) through 1MΩ Resistor. 3. Select the No.9 5FH MON. of the SOUND MODE, and reset the setting value from 0 to 1. 4. Connect the Frequency Counter to pin 2 of [MPX] connector and GND (Pin 3 of [MPX] connector) . 5. Select the No.10 SAP VCO. 6. Set the initial setting value of the No.10 SAP VCO with the LEFT/RIGHT key of the remote control unit. 7. Adjust the No.10 SAP VCO so that the frequency counter will display 78.67kHz±0.5kHz. 8. Select the No.9 5FH MON. of the SOUND MODE, and reset the setting value from 1 to 0.
MTS FILTER check			**No.6 FILTER**	1. Select the No.6 FILTER of the SOUND MODE. 2. Verify that the No.6 FILTER is set at its initial setting value.
MTS SEPARATION adjustment	**TV audio multiplex signal generator** **Oscilloscope**	**[MPX] Connector** **1 pin AUDIO_L** **2 pin AUDIO_R** **3 pin GND**	**No.7 LOW SEP.** **No.8 HI SEP.**	**Note:** Menu "MTS" is set to "STEREO" 1. Input a stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. 2. Connect an oscilloscope to pin 1 of [MPX] connector, and display one cycle portion of the 300Hz signal. 3. Change the connection of the oscilloscope to pin 2 of [MPX] connector, and enlarge the voltage axis. 4. Select the No.7 LOW SEP. of the SOUND MODE. 5. Set the initial setting value of the No.7 LOW SEP. with the LEFT/RIGHT key of the remote control unit. 6. Adjust the No.7 LOW SEP. so that the 300Hz signal level will become minimum. 7. Change the signal to 3kHz, and connect an oscilloscope to pin 1 of [MPX] connector. 8. Adjust the No.8 HI SEP. so that the 3kHz signal level will become minimum.

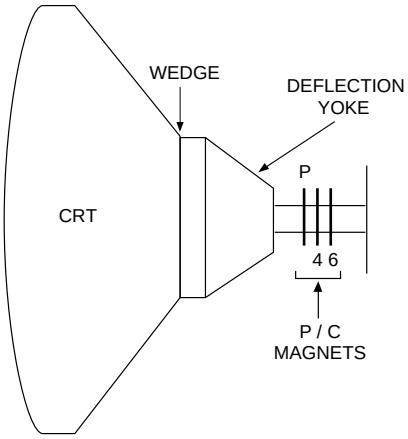


ADJUSTMENTS OF PURITY AND CONVERGENCE

Note: The final adjustment of CONVERGENCE must be done after the FOCUS adjustment. (CONVERGENCE is changed by FOCUS adjustment.)
When makes difference by FOCUS adjustment, should be reconfirming PURITY adjustment.

PURITY ADJUSTMENT

1. Demagnetize CRT with the demagnetizer.
2. Loosen the retainer screw of the deflection yoke.
3. Remove the wedges.
4. Input a green raster signal from the signal generator, and turn the screen to green raster.
5. Move the deflection yoke backward.
6. Bring the long lug of the purity magnets on the short lug and position them horizontally. (Fig.2)
7. Adjust the gap between two lugs so that the GREEN RASTER will come into the center of the screen. (Fig.3)
8. Move the deflection yoke forward, and fix the position of the deflection yoke so that the whole screen will become green.
9. Insert the wedge to the top side of the deflection yoke so that it will not move.
10. Input a crosshatch signal.
11. Verify that the screen is horizontal.
12. Input red and blue raster signals, and make sure that purity is properly adjusted.



• P/C MAGNETS

P : PURITY MAGNET
4 : 4 POLES (convergence magnets)
6 : 6 POLES (convergence magnets)

Fig. 1

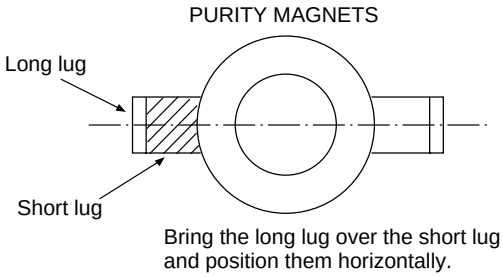


Fig. 2

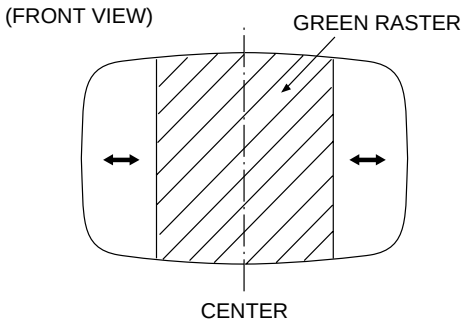


Fig. 3

STATIC CONVERGENCE ADJUSTMENT

1. Input a crosshatch signal.
2. Using 4-pole convergence magnets, overlap the red and blue lines in the center of the screen (Fig. 4) and turn them to magenta (red/blue).
3. Using 6-pole convergence magnets, overlap the magenta(red/blue) and green lines in the center of the screen and turn them to white.
4. Repeat 2 and 3 above, and make best convergence.

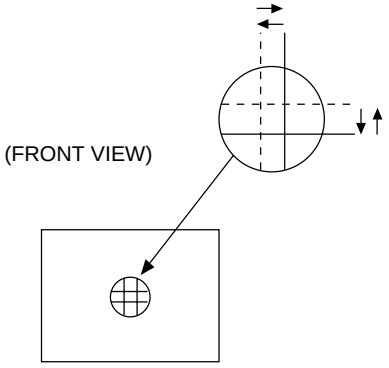


Fig. 4

DYNAMIC CONVERGENCE ADJUSTMENT

1. Move the deflection yoke up and down and overlap the lines in the periphery. (Fig. 5)
2. Move the deflection yoke left to right and overlap the lines in the periphery. (Fig. 6)
3. Repeat 1 and 2 above, and make best convergence.

(FRONT VIEW)

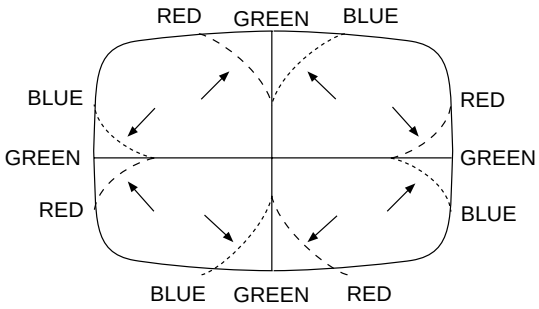


Fig. 5

- After adjustment, fix the wedge at the original position.
  Fasten the retainer screw of the deflection yoke.
  Fix the 6 magnets with glue.

(FRONT VIEW)

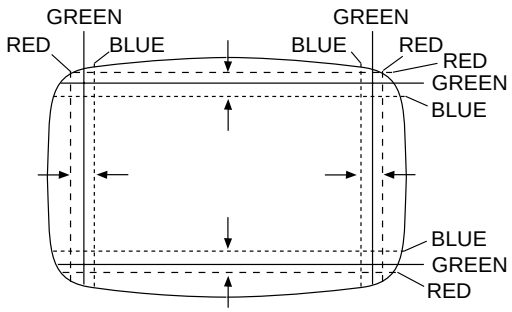


Fig. 6

HOW TO CHECK THE HIGH VOLTAGE HOLD DOWN CIRCUIT

1. HIGH VOLTAGE HOLD DOWN CIRCUIT

After repairing the high voltage hold down circuit shown in Fig. 1.
This circuit shall be checked to operate correctly.

2. CHECKING OF THE HIGH VOLTAGE HOLD DOWN CIRCUIT

(1) Turn the POWER SW ON.
(2) As shown in Fig. 1, set the resistor (between S1 connector 2 & 3).
(3) Make sure that the screen picture disappears.
(4) Temporarily unplug the power cord.
(5) Remove the resistor (between S1 connector 2 & 3).
(6) Again plug the power cord, make sure that the normal picture is displayed on the screen.

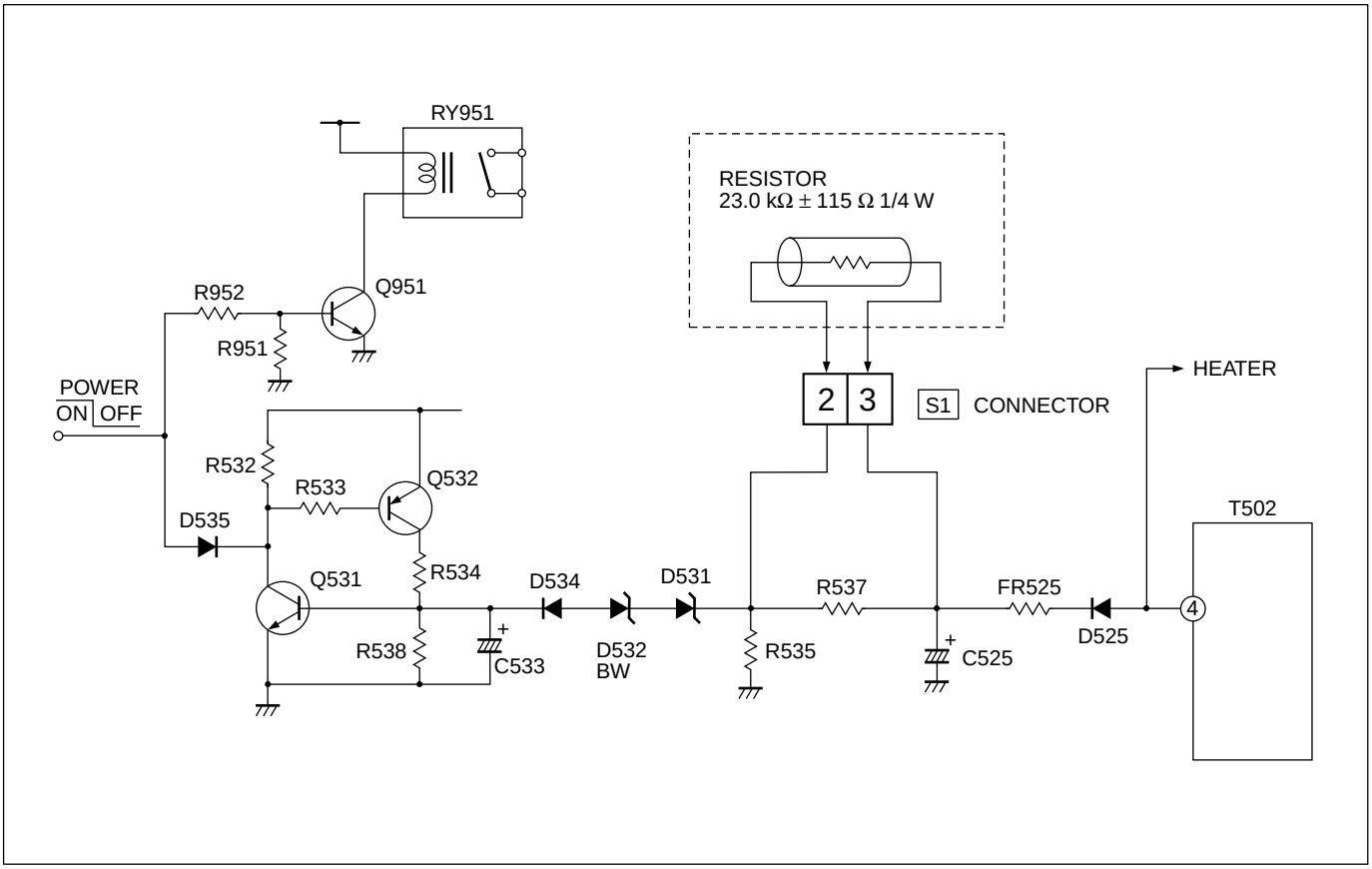


Fig. 1

SELF CHECK FUNCTIONS

1. Outline

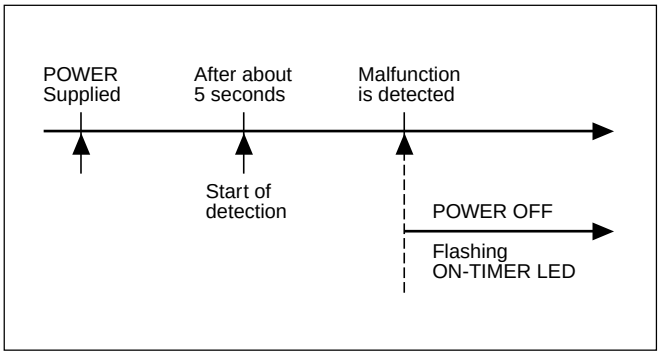
This model has self check functions given below. When a malfunction has been detected, the POWER is turned off and the LED flashes to inform of the failure . The malfunction is detected by the signal input state of the control line connected to the microcomputer.

2. Self check items

Check item	Details of detection	Method of detection	State of malfunction
Over-current protector	Operation of B1 protector circuit.	The microcomputer detects at 1 second intervals. If NG is detected for more than 200 ms, a malfunction is interpreted.	When a malfunction has been detected, the POWER is turned off. While the POWER is being turned off , the power key of the remote controller is not operational until the power code is taken out and put in again.

3. Self check indicating function

The self-check function begins detection about 5 seconds after power is supplied.
In the event a malfunction is detected, the power is cut off immediately.
At this time, the ON-TIMER LED flashes to inform of the malfunction.



[ON-TIMER LED indication]
The ON-TIMER LED flashes at 0.5 seconds intervals.

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COLOR TELEVISION USER'S GUIDE

For models:

AV-36F802
AV-36F702
AV-32F802
AV-32F702
AV-27F802
AV-27F702

Illustration of AV-27F802 and RM-C301G

IMPORTANT NOTE TO THE CUSTOMER

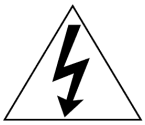
In the spaces below, enter the model and serial number of your television (located at the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep this user's guide in a convenient place for future reference. Keep the carton and original packaging for future use.

Serial Number

Model Number

LCT0821-001D-A
0901-TN-FAA-JIM

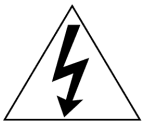
IMPORTANT SAFETY PRECAUTIONS



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To reduce the risk of electric shock.
Do not remove cover (or back).
No user serviceable parts inside.
Refer servicing to qualified service personnel.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS TV SET TO RAIN OR MOISTURE.

CAUTION: TO INSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1.Operate only from the power source specified on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid Improper installation and never position the unit where good ventilation is unattainable.
4. Do not allow objects or liquid into the cabinet openings.
5.In the event of trouble, unplug the unit and call a service technician.Do not attempt to repair it yourself or remove the rear cover.

Changes or modifications not approved by JVC could void the warranty.

* When you don’t use this TV set for a long period of time, be sure to disconnect both the power plug from the AC outlet and antenna for your safety.

* To prevent electric shock do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

IMPORTANT SAFEGUARDS

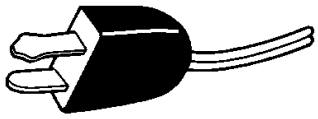
CAUTION:

Please read and retain for your safety.
Electrical energy can perform many useful functions. This TV set has been engineered and manufactured to assure your personal safety. But *improper use can result in potential electrical shock or fire hazards.* In order not to defeat the safeguards incorporated in this TVset, observe the following basic rules for its installation, use and servicing.
And also follow all warnings and instructions marked on your TV set.

INSTALLATION

1 Your TV set is equipped with a polarized AC line plug (one blade of the plug is wider than the other).

(POLARIZED-TYPE)



This safety feature allows the plug to fit into the power outlet only one way. Should you be unable to insert the plug fully into the outlet, try reversing the plug.
Should it still fail to fit, contact your electrician.

2 Operate the TVset only from a power source as indicated on the TV set or refer to the operating instructions for this information. If you are not sure of the type of power supply to your home, consult your TV set dealer or local power company.For battery operation, refer to the operating instructions.

3 Overloaded AC outlets and extension cords are dangerous, and so are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.

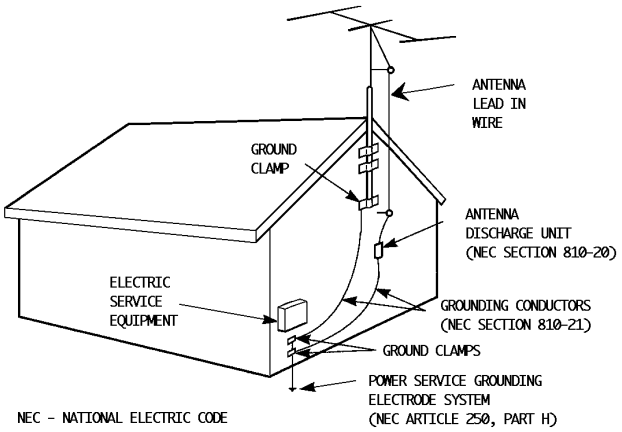
4 Do not allow anything to rest on or roll over the power cord, and do not place the TV set where power cord is subject to traffic or abuse. This may result in a shock or fire hazard.

5 Do not use this TV set near water — for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near swimming pool, etc.

6 If an outside antenna is connected to the TV set, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection requirements for the grounding electrode.

7 An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE


ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ARTICLE 250, PART H)
NEC - NATIONAL ELECTRIC CODE

8 TV sets are provided with ventilation openings in the cabinet to allow heat generated during operation to be released.
Therefore:
— Never block the bottom ventilation slots of a portable TV set by placing it on a bed, sofa, rug, etc.
— Never place a TV set in a “built-in” enclosure unless proper ventilation is provided.
— Never cover the openings with a cloth or other material.
— Never place the TV set near or over a radiator or heat register.

9 To avoid personal injury:
— Do not place a TV set on a sloping shelf unless properly secured.
— Use only a cart or stand recommended by the TVset manufacturer.
— Do not try to roll a cart with small casters across thresholds or deep pile carpets.
— Wall or shelf mounting should follow the manufacturer’s instructions, and should use a mounting kit approved by the manufacturer.

USE

10 Caution children about dropping or pushing objects into the TV set through cabinet openings. Some internal parts carry hazardous voltages and contact can result in a fire or electrical shock.

11 Unplug the TV set from the wall outlet before cleaning. Do not use liquid or an aerosol cleaner.

12 Never add accessories to a TV set that has not been designed for this purpose. Such additions may result in a hazard.

13 For added protection of the TV set during a lightning storm or when the TV set is to be left unattended for an extended period of time, unplug it from the wall outlet and disconnect the antenna.This will prevent damage to product due to lightning storms or power line surges.

14 A TVset and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV set and cart combination to overturn.

SERVICE

15 Unplug this TV set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A.When the power cord or plug is damaged or frayed.

B. If liquid has been spilled into the TV set.

C. If the TV set has been exposed to rain or water.

D. If the TV set does not operate normally by following the operating instructions. Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV set to normal operation.

E.If the TV set has been dropped or damaged in any way.

F. When the TV set exhibits a distinct change in performance — this indicates a need for service.

16 Do not attempt to service this TV set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

17 When replacement parts are required, have the service technician verify in writing that the replacement parts he uses have the same safety characteristics as the original parts. Use of manufacturer's specified replacement parts can prevent fire, shock, or other hazards.

18 Upon completion of any service or repairs to this TV set, please ask the service technician to perform the safety check described in the manufacturer's service literature.

19 When a TV set reaches the end of its useful life, improper disposal could result in a picture tube implosion.Ask a qualified service technician to dispose of the TV set.

20 Note to CATV system installer.
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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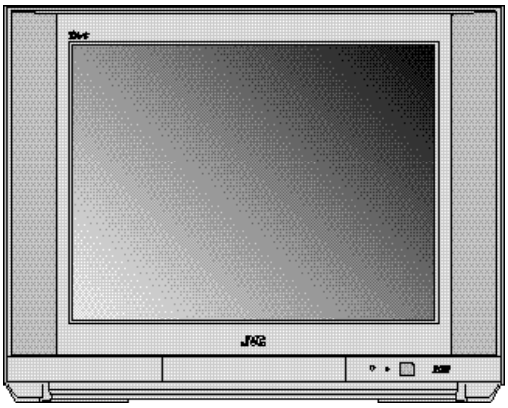
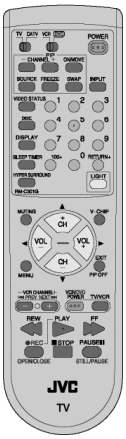
Unpacking Your Television

Thank you for your purchase of a JVC Color Television. Before you begin setting up your new television, please check to make sure you have all of the following items. In addition to this guide, your television box should include:

1 Television



1 Remote Control



Two AA Batteries

A matching TV stand is also available (optional).

Note: Your remote control may differ from the example illustrated here.

Once you have unpacked your television, the next step is to connect it to your antenna/cable or satellite system and to connect the audio/video devices you want to use with your television. To make these connections you will use plugs like the ones illustrated below.

RF Connectors

Used to connect a coaxial cable from an external antenna or Cable TV system.

A/V Input Plug

Used to connect audio/video devices like VCRs, DVD players, stereo amplifiers, game consoles, etc.

S-Video Plug

Used to make video connections with VCRs, DVDs, Camcorders, etc (optional).

AV Compu Link Cable

Used to connect JVC AV Compu Link capable components for an automated home theater.

We recommend that before you start using your new television, you read your entire User's Guide so you can learn about your new television's many great features. But if you're anxious to start using your television right away, a quick setup guide follows on the next three pages.

Quick Setup 1

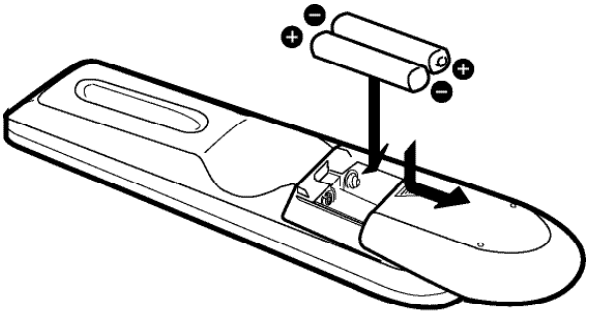
Getting Started

These quick setup pages will provide you, in three easy steps, with the basic information you need to begin using your new television right away. This information includes basic instructions on operating your remote control, making a simple cable/antenna and optional VCR connection and, finally, information on programming your television's Auto Tuner.

If you have questions, or for more detailed information on any of these steps, please consult other sections of this manual.

Step One - The Remote Control

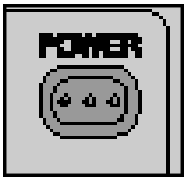
The remote control is the key to operating your television's many great features. Before you can operate your remote control, you first need to install the batteries (included).



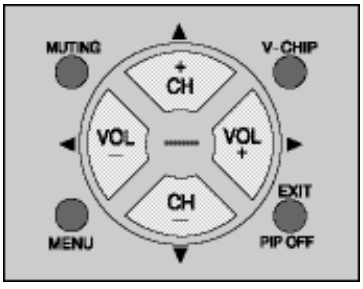
Slide the cover on the back of the remote down towards the bottom of the remote control. Insert two batteries (included) carefully noting the "+"and "–" markings, placing the "–"end in the unit first. Slide the cover back into place.

Basic Operation

Turn the television on and off by pressing the POWER button at the top right corner of the remote.



Power Button



Key Feature Buttons

The four key feature buttons at the center of the remote can be used for basic operation of the television.The top and bottom buttons will scan forward and back through the available channels. The right and left buttons will turn the volume up or down.These buttons are also marked with four arrows and are also used with JVC's onscreen menu system. You will need to use these buttons later in the Quick Setup.

The next step is to connect your television to an antenna or cable.

Proceed to Step Two ☞

Quick Setup 2

Step Two - Making Basic Connections

Next you will need to connect your television to an antenna or cable system. The most basic antenna/cable connection is shown below. For more detailed connections, such as ones where a cable box is required, see pages 11 to 13.

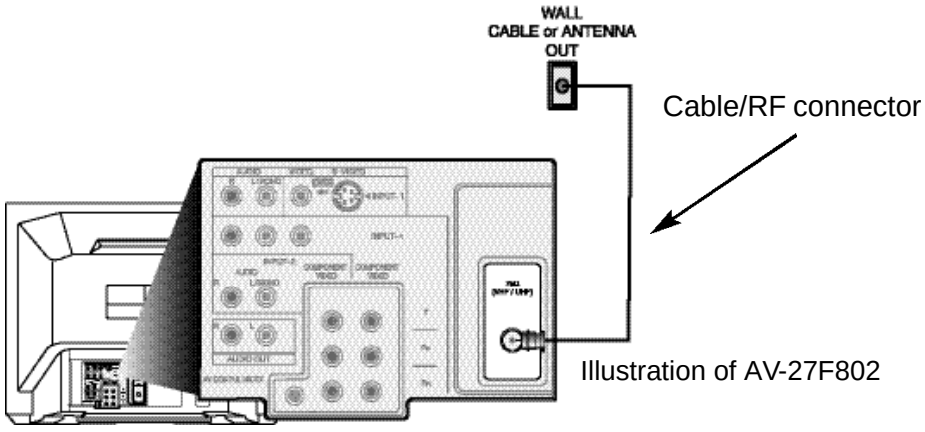


Illustration of AV-27F802

1) Connect an RF cable out from the wall outlet in to the RF Input on the back of the TV.

You may also wish to connect a VCR at this point. A basic VCR connection is shown below. For detailed instructions on connecting a other components or a home theater system, see pages 14 to 16.

NOTE: A VCRis not required to operate your television.

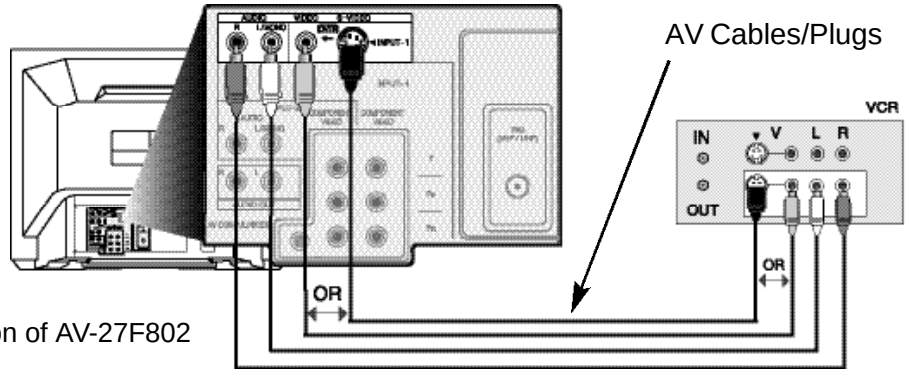


Illustration of AV-27F802

1) Connect the yellow video cable out from the VCR's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the VCR's S-Video output, to the TV's S-Video input.
2) Connect the white audio cable out from the VCR's Left Audio Output, in to the TV's Left Audio Input Jack.
3) Connect the red audio cable out from the VCR's Right Audio Output, in to the TV's Right Audio Input jack.

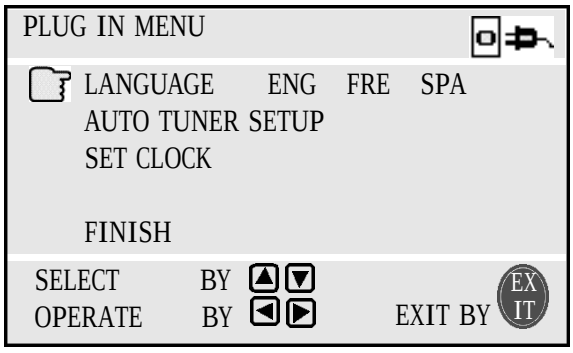
Finally, once you have finished your connections, plug the power cord into the nearest power outlet and turn on the television.

Proceed to Step Three ☞

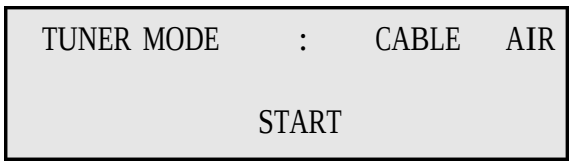
Quick Setup 3

Step Three - The Plug In Menu

When you turn your television on for the first time the Plug In Menu will appear. This menu sets some of the basic settings for your television. A complete description of the Plug In Menu can be found starting on page 22. We recommend you complete the Plug In Menu items before you start using your television. But to begin watching your television right away you only need to run the Auto Tuner Setup. This lets your television learn the channels it is able to receive. To run the Auto Tuner Setup follow the steps below.

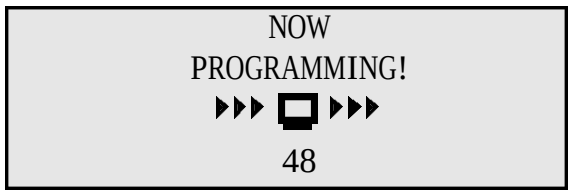


Press the ▲▼ buttons to move to AUTO TUNER SETUP
Press the ◀▶ buttons to begin AUTO TUNER SETUP



◀▶ To choose CABLE (if you are connected to a cable system) or AIR (if you use an antenna)
▲▼ To move to START
◀▶ To start Auto Tuner Setup

The Auto Tuner will now memorize all of the clear, active channels your television can receive. This will take one or two minutes.



The Auto Tuner is finished when the message PROGRAMMING OVER! appears onscreen.

Your Quick Setup is now complete. You can now begin watching your television, or you can continue on in this guide for more information on connecting audio/video devices, programming your remote control, or using the JVC onscreen menu system to customize your television viewing experience.

The Quick Setup is complete

Cable and VCR Connections

There are three basic types of antenna or cable connections:

- If you have an antenna or have a cable system that does not require you use a cable box to select channels, please refer to **Diagram #1**.
- If you have a cable system that requires the use of a cable box to access all the channels, please refer to **Diagram #2**. If you cannot operate your Picture-In-Picture function using **Diagram #2**, try the connection shown in **Diagram #3**. It is possible yo cable box allows the signal of only one channel at a time to be sent to your television.
- If you have a cable system that requires the use of a cable box to access certain premium channels, but not “basic”cable channels, please refer to **Diagram #3**.
- For your convenience, connection to a VCR is also shown in the following diagrams. *A VCR is not necessary for operation of the television or Picture-In-Picture (PIP) function*. You may omit the VCR from your connections if you wish.
- For instructions on connecting a VCR only, please see the Quick Setup on page 9.
- For information on using PIP, please see page 44.
- **The PIP feature is available on models AV-36F802, AV-32F802 and AV-27F802 only.**

Diagram #1

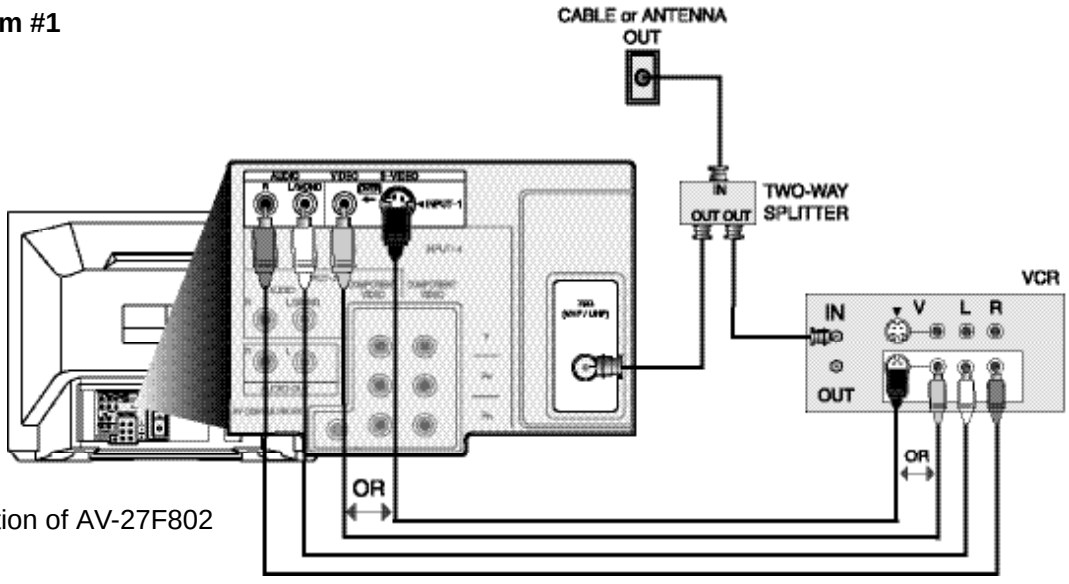


Illustration of AV-27F802

1) Connect the antenna or cable TV wire from the wall outlet, in to the RF Input of the two-way splitter.
2) Connect an RFcable from the one of the RF Outputs on the splitter, in to the RF Input on the back of the VCR.
3) Connect an RFcable from the other the RFOutput on the splitter, in to the RF Input on the back of the TV.
4) Connect the yellow video cable out from the VCR’s Video Output, in to the TV’s Video Input jack, **OR** connect an S-Video cable from the VCR’s S-Video output, to the TV’s S-Video input.
5) Connect the white audio cable out from the VCR’s Left Audio Output, in to the TV’s Left Audio Input Jack.
6) Connect the red audio cable out from the VCR’s Right Audio Output, in to the TV’s Right Audio Input jack.

- If your VCRis a mono sound unit, it will have only one Audio Out jack. Connect it to the TV’s Left Audio Input.
- Please consult your VCR’s owner’s manual for more information on its operation.

Connections

Cable and VCR Connections - Continued

Diagram #2

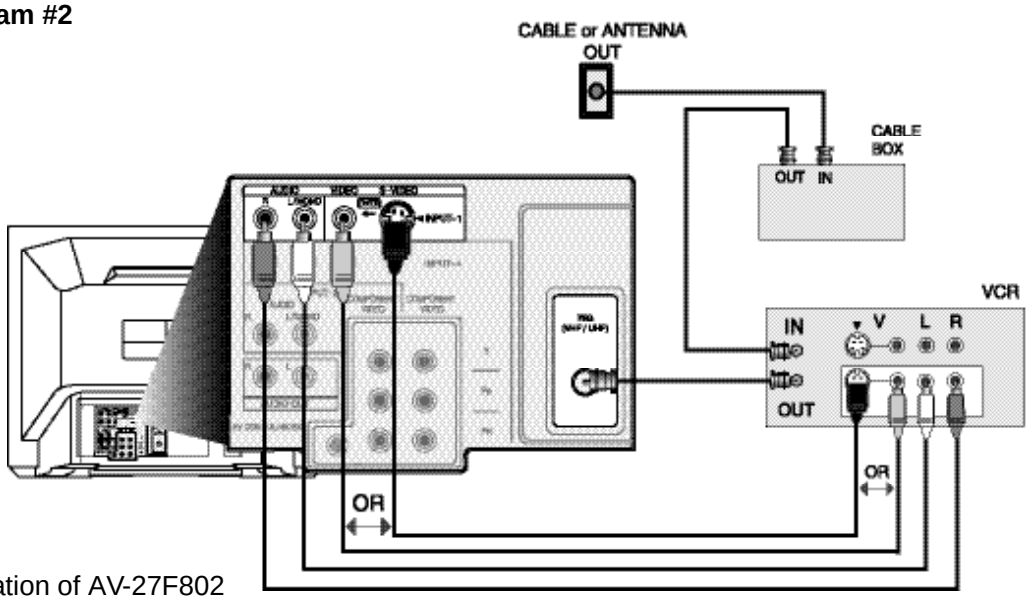


Illustration of AV-27F802

1) Connect the antenna or cable TV wire from the wall outlet, in to the RFInput of the cable box.
2) Connect an RF cable from the RFOutput of the cable box, in to the RFInput on the back of the VCR.
3) Connect an RF cable from the RF Output of the VCR, in to the RF Input on the back of the TV.
4) Connect the yellow video cable out from the VCR's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the VCR's S-Video output, to the TV's S-Video input.
5) Connect the white audio cable out from the VCR's Left Audio Output, in to the TV's Left Audio Input Jack.
6) Connect the red audio cable out from the VCR's Right Audio Output, in to the TV's Right Audio Input jack.

- Please see page 44 for information on using the PIP feature with a Cable Box.
- If your VCRis a mono sound unit, it will have only one Audio Out jack. Connect it to the TV's Left Audio Input.
- Please consult your VCR's owner's manual for more information on its operation.

Cable and VCR Connections - Continued

Diagram #3

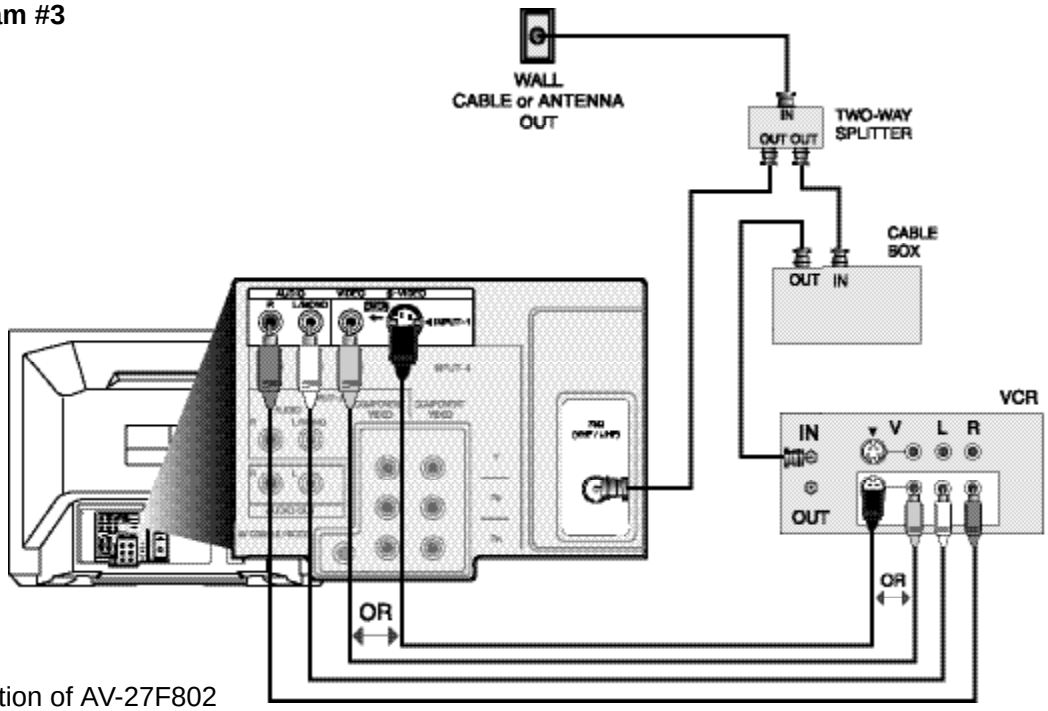


Illustration of AV-27F802

1) Connect the antenna or cable TV wire from the wall outlet, in to the RF Input of the two-way splitter.
2) Connect an RFcable from the one of the RFOutputs on the splitter, in to the cable box RF Input.
3) Connect an RF cable from the Cable Box Output, in to the VCR RF Input.
4) Connect an RFcable from the other the RFOutput on the splitter, in to the RF Input on the back of the TV.
5) Connect the yellow video cable out from the VCR's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the VCR's S-Video output, to the TV's S-Video input.
6) Connect the white audio cable out from the VCR's Left Audio Output, in to the TV's Left Audio Input jack.
7) Connect the red audio cable out from the VCR's Right Audio Output, in to the TV's Right Audio Input jack.

- Please see page 44 for information on using the PIP feature with a Cable Box.
- If your VCRis a mono sound unit, it will have only one Audio Out jack. Connect it to the TV's Left Audio Input.
- Please consult your VCR's owner's manual for more information on its operation.

The connection diagrams are intended to show some basic general connections. Some cable companies may require special connections to properly use your television or 2-tuner PIP function. If you follow these diagrams and either the television or PIPdoes not work properly, contact your local cable operator for more connection information. Please see page 44 for more information on the PIP feature.

Connections

Connecting to a DVD player

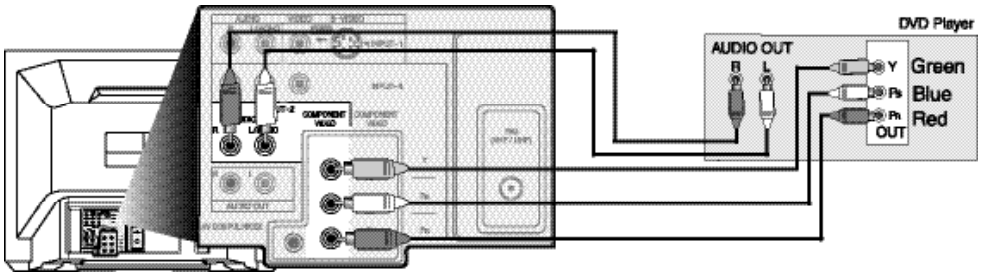


Illustration of AV-27F802

1) Connect Green cable out from DVD player “Y”Component Output, in to TV“Y” Component Input.
2) Connect Blue cable out from DVDplayer “P_B” Component Output, in to TV “P_B” Component Input.
3) Connect Red cable out from DVD Player “P_R” Component Output, in to TV “P_R” Component Input.
4) Connect White Audio cable out from DVDLeft Audio Output, in to TV Left Audio Input 2.
5) Connect Red Audio cable out from DVDRight Audio Output, in to TVRight Audio Input 2.

- Green, blue and red are the most common colors for DVD cables. Some models may vary colors. Please consult the user’s manual for your DVD Player for more information.
- Be careful not to confuse the red DVD cable with the red audio cable. It is best to complete one set of connections (DVDor Audio Output) before starting the other to avoid accidentally switching the cables.
- See page 20 for instructions on programming your remote control to operate the basic functions of your DVD player.
- **AV-36F802, AV-32F802 & AV-27F802:** You may also connect the DVD player to Input 4. If you use Input 4 for the DVD connection, you must set the V4 COMPONENT-IN on the initial Setup Menu to “YES” for proper display of the DVD signal.
- **AV-36F702, AV-32F702 & AV-27F702:** If you use Input 2 (Component-In) for the DVDconnection, you must set the V2 COMPONENT-IN on the initial Setup Menu to “YES” for proper display of the DVD signal.

NOTE: Progressive DVDPlayers (players with an output scan of 31.5 KHz) will not work properly with this television.

Connecting to an External Amplifier

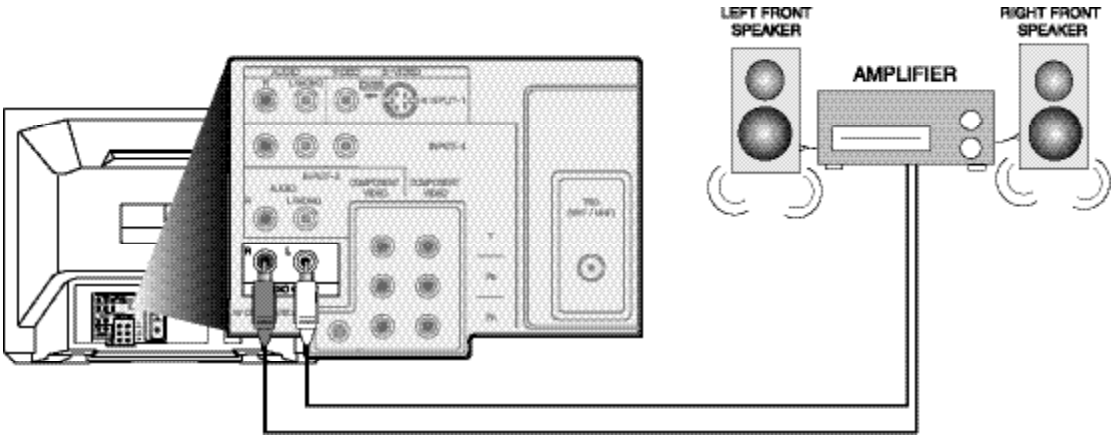


Illustration of AV-27F802

1) Connect the white audio cable from the TV's Left Audio Output jack to the Amplifier's Left Audio Input jack.
2) Connect the red audio cable from the TV's Right Audio Output jack to the Amplifier's Right Audio Input jack.

• See also "TV Speaker" and "Audio Out"on page 38 for more information on using external speakers.

Connecting to a Camcorder

You may connect a camcorder to your television by using the front Input Jacks (Input 3) located under the front panel door. To access, press lightly on the door to open it. You may also connect a game console or other equipment using these jacks. Camcorders may also be connected to the television's rear input jacks.

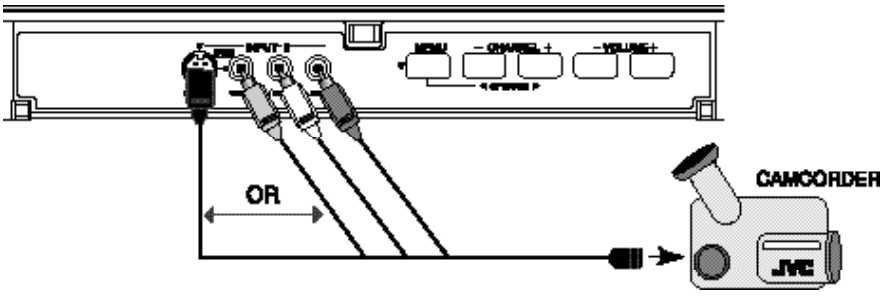


Illustration of AV-27F802

1) Connect the yellow video cable out from the Camcorder's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the Camcorder's S-Video output, to the TV's S-Video Input.
2) Connect the white audio cable out from the Camcorder's Left Audio Output, in to the TV's Left Audio Input jack.
3) Connect the red audio cable out from the Camcorder's Right Audio Output, in to the TV's Right Audio Input jack.

• If your Camcorder is a mono sound model it will have only one audio jack. Connect it to the TV's Left Audio jack.

Connections

Connecting to JVC AV Compu Link

JVC's AV Compu Link feature makes playing video tapes or DVDs totally automatic. Simply insert a pre-recorded tape into your JVC-brand VCR or DVD into your JVC DVD player and the device will automatically turn on and begin playback. At the same time, using the AV Compu Link, the VCR or DVD player sends a signal to the television telling it to turn on and switch to the proper video input.

- The AV Compu Link cable may be included with the JVC AV Compu Link accessory you wish to connect. If it is not, contact an authorized JVCService Center for part # EWP 805-012.
- AV Compu Link can only be used with JVC-brand products.

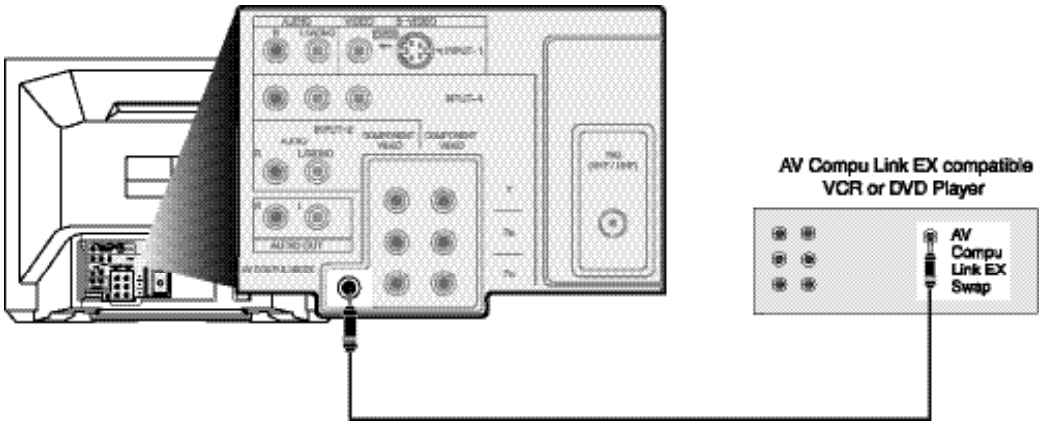
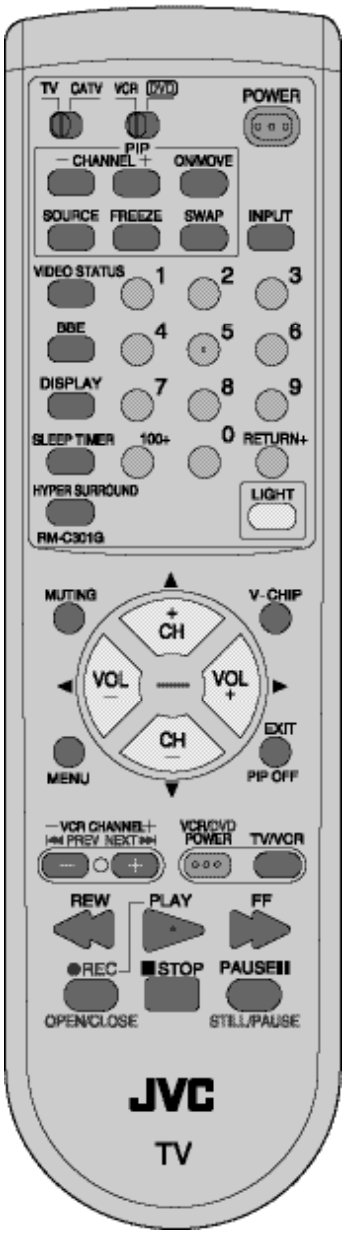


Illustration of AV-27F802

To Connect: Plug one end of the AV Compu Link cable into the AV Compu Link input on your VCR, DVD, or other Compu Link device. Plug the other end of the AV Compu Link cable into the AV Compu Link input at the rear of the television.

NOTE:

- In order for the VCR playback to begin automatically, the recording tabs must be remove from the VHS tape. If the tab is in place, automatic switching will occur when you push the VCR's PLAY button.
- The AV Compu Link cable has a male 3.5 mm (mono) plug on each end.
- If your JVC-brand VCR has "A Code/B Code Remote Control Switching"(see your VCR's instruction book), using VCR A Code will switch the TV to input 1.
- To connect a JVC HiFi receiver or amplifier for a completely automated home theater, see the HiFi's connection instructions for detailed connection information.
- AV COMPU LINK EX is compatible with the following receivers:RX-664V, RX-665V, RX-668VBK, RX-774V, RX-778VBK, RX-884V, RX-888VBK, RX-1024V, RX-1028VBK, and later receiver models.



Remote Control Basics

- Before you can operate the remote control, you must first install the batteries (included). See "Changing the Batteries" at the bottom of this page for instructions. (For an illustration, please see page 8.)
- Press the POWER button to turn the television on or off.
- Make sure the TV/CATV switch is set to TV. Move the switch to CATV only if you need to operate a cable box.
- Slide the VCR/DVD selector switch to VCR to control a VCR, slide to DVD to control a DVD player. Please see pages 18 to 20 for instructions on programming your remote control to operate a Cable box, VCR or DVD player.
- Press the CH+ and CH– buttons to scan through the channels. Tap the CH+ or CH– button to move through the channels one channel at a time.
- To move rapidly through the channels using JVC's **Hyperscan** feature, press and hold CH+ or CH–. The channels will zip by at a rate of five channels per second.
- Press VOL+ or VOL– to raise or lower the volume. An indicator bar will appear onscreen to show you the television volume level.
- The CH+/– and VOL+/– buttons are also used to navigate JVC's onscreen menu system.
- You can directly access specific channels using the 10-key pad.
- For more information on remote control button features, see pages 40 to 45. For information on using the onscreen menus, see page 21.

NOTE: Remote control model RM-C301G is shown at the left. A different model remote control may have come with your television.

Changing the Batteries

Push down on the remote's back cover and slide towards the bottom to remove it.

Insert two AA batteries (supplied), carefully noting the "+" and "–" markings on the batteries and on the remote control. To avoid a potential short circuit, insert the "–" end first. Be sure to use only size AA batteries.

When batteries are installed, slide the cover back into place (until it clicks into position).

- If the remote control acts erratically, replace the batteries. Typical battery life is six months to one year. We recommend using alkaline batteries for longer battery life. When you change the batteries, try to complete the task within three minutes. If you take longer than three minutes, the remote control codes for your VCR, DVD, and/or Cable Box may have to be reset (see pages 18-20).

Remote Programming

Setting the CATV, VCR and DVD Codes

You can program your remote to operate your cable box, satellite receiver, VCR or DVD player by using the instructions and codes listed below. If the equipment does not respond to any of the codes listed below or to the code search function, use the remote control supplied by the manufacturer.

Cable Box or Satellite codes

The remote control is programmed with CATV and/or Satellite codes for power on, power off, channel up, channel down, and 10 key operation.

1) Find the CATV/Satellite brand from the list of codes shown below.
2) Slide the 2-way selector switch to "CATV".
3) Press and hold down the DISPLAY button.
4) With the DISPLAY button held down, enter the first code number listed using the 10 key pad.
5) Release the DISPLAY button.
6) Confirm the operation of the Cable Box/Satellite receiver.

- If your CATVor Satellite box does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function, on page 50.

Cable Box	CODES
ABC	024
Archer	032, 025
Cableview	051, 032
Citizen	022, 051
Curtis	058, 059
Diamond	024, 032, 025
Eagle	029
Eastern	034
GC Brand	032, 051
Gemini	022, 043
General Instrument	065, 024, 025, 026, 027, 020, 021, 022, 057, 023
Hamlin	040, 041, 042, 045, 058, 064
Hitachi	049, 024
Jerrold	065, 024, 025, 026, 027, 020, 021, 022, 057, 023
Macom	049, 050, 051, 054
Magnavox	033
Memorex	030
Movietime	032, 051
Oak	039, 037, 048
Panasonic	055, 056, 060, 071
Paragon	063
Philips	028, 029, 030, 052, 053, 031, 069
Pioneer	047, 062
Pulsar	051, 032

Cable Box	CODES
Puser	032
RCA	061, 070
Realistic	032
Regal	058, 064, 040, 041, 042, 045, 068
Regency	034
Rembrandt	037, 032, 051, 038
Samsung	051
Scientific Atlanta	057, 058, 059
SLMark	051, 047
Sprucer	051, 056
Stargate	032, 051
Telecaption	067
Teleview	047, 051
Texscan	044
Tocom	035, 036, 066
Toshiba	050
Unika	032, 025
Universal	022, 032
Videoway	052
Viewstar	029, 030
Zenith	063, 046
Zenith/Drake Satellite	046

Digital Satellite Systems	CODES
Echostar	100, 113, 114
Express VU	100, 113
G.E.	106
G.I.	108
Gradiente	112
Hitachi	104, 111
HNS (Hughes)	104
Panasonic	105
Philips	102, 103
Primestar	108
Proscan	106, 109, 110
RCA	106, 109, 110
Sony	107
Star Choice	104, 108
Toshiba	101
Uniden	102, 103

VCR codes

The remote control is programmed with VCR codes for power on, power off, play, stop, fast-forward, rewind, pause, record, channel up, and channel down operation.

1) Find the VCR brand from the list of codes shown below.
2) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “VCR”.
3) Press and hold down the DISPLAY button.
4) With the DISPLAY button held down, enter the first code number listed with the 10 key pad.
5) Release the DISPLAY button.
6) Confirm the operation of the VCR.

- If your VCR does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function, on page 50.
- Some manufacturer’s VCR’s may not respond to the TV/VCR button, even if other buttons work properly.
- To record, hold down the REC button on the remote and press PLAY.

VCRs	CODES
Admiral	035
Aiwa	027, 032, 095
Akai	029, 072, 073, 074
Audio Dynamic	003, 005
Bell & Howell	063, 071
Broksonic	020, 026, 094
Canon	023, 025
CCE	043
Citizen	064
Craig	063, 029, 064
Curtis Mathes	045, 024, 027, 093
Daewoo	043, 059, 024, 092
DBX	003, 004, 005
Dimensia	045, 093
Emerson	043, 026, 077, 061, 025, 042, 020, 076
Fisher	063, 066, 067, 065, 071, 091
Funai	027, 026, 020, 000
G.E.	033, 045, 024
Go Video	037, 051, 049, 050, 089
Goldstar	064
Gradiente	063, 064, 061, 000, 001
Hitachi	023, 045, 058, 027, 061, 093
Instant Replay	024, 023
Jensen	003
JVC	000, 001, 002, 003, 004, 005
Kenwood	003, 004, 064, 005
LXI	027, 064, 058, 065, 066, 063, 067
Magnavox	031, 023, 024, 086
Marantz	003, 004, 005
Marta	064
Memorex	024, 067
MGA	038, 040, 047, 048, 041, 042
Minolta	058, 045, 093
Mitsubishi	038, 040, 047, 048, 041, 042, 078, 090
Multitech	047, 027, 062
NEC	003, 004, 005, 000
Olympic	024, 023
Optimus	028, 021, 035, 064
Orion	026, 020
Panasonic	023, 024, 021, 022
Penney	024, 058, 045, 063, 003, 004, 005, 093
Pentax	058, 005, 045, 093
Philco	031, 024, 027, 023, 026, 020, 043
Philips	031, 023, 024, 086
Pioneer	023
Proscan	045, 058, 023, 024, 031, 046, 059, 060, 033, 087, 093
Quasar	021, 022, 023, 024
Radio Shack	033, 024, 063, 036, 067, 040, 027
RCA	033, 045, 058, 023, 024, 031, 046, 059, 060, 083, 084, 085, 087, 093
Realistic	024, 063, 036, 067, 040, 027
Samsung	037, 060, 062, 033, 089
Samtron	089
Sansui	003, 026, 020, 052
Sanyo	063, 067, 091, 071
Scott	059, 060, 062, 067, 038, 040, 047, 048, 026, 020
Sears	063, 064, 065, 066, 058, 000, 001
Shintom	075
Sharp	035, 036, 080, 088
Signature 2000	027, 035
Singer	075
Sony	028, 029, 030, 053, 054, 055
SV 2000	027
Sylvania	031, 023, 024, 027
Symphonic	027, 081
Tashiro	064
Tatung	003, 004, 005
Teac	003, 004, 027, 005
Technics	021, 022, 023, 024
Teknika	024, 027, 070
Toshiba	059, 046, 079
Vector Research	005
Wards	035, 036, 067, 044, 064
Yamaha	063, 003, 004, 005
Zenith	044, 082, 064, 094

Remote Programming

DVD codes

The remote control is programmed with DVD codes for power on, power off, play, stop, fast-forward, rewind, previous chapter, next chapter, tray open/close, and still/pause operation.

1) Find the DVD player brand from the list of codes shown below.
2) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “DVD”.
3) Press and hold down the DISPLAY button.
4) With the DISPLAY button held down, enter the first code number listed with the 10 key pad.
5) Release the DISPLAY button.
6) Confirm the operation of the DVD player.

- If your DVD player does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function, on page 50.
- After you program your remote, some DVD buttons may not work properly. If some buttons do not work properly, use the remote control which came with your DVD player.

DVD Player	CODES	DVD Player	CODES
Aiwa	043	Raite	033
Apex	040	RCA	021, 026
Denon	020, 037	Sampo	034
Hitachi	030, 031	Samsung	030
JVC	000	Sharp	028
Kenwood	035	Silvania	038
Konka	039	Sony	024, 045, 046, 047
Mitsubishi	025		
Onkyo	041	Technics	020
Oritron	044	Toshiba	023
Panasonic	020	Wave	042
Philips	023, 036	Yamaha	020
Pioneer	022	Zenith	027, 032

Using the Guide

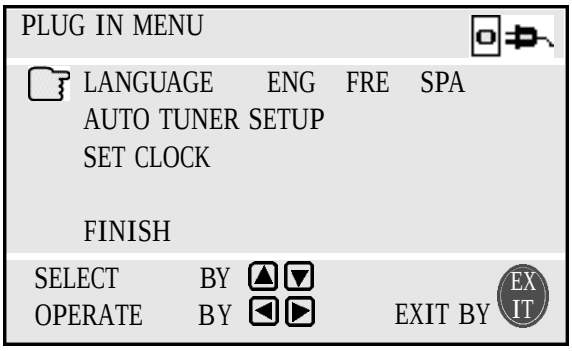
Certain symbols are used throughout this guide to help you learn about the features of your new television. The ones you will see most frequently are:

▲▼ Up and Down arrows mean press the CH+ or CH– buttons. Pressing the CH+ or CH– buttons let you:
- Move vertically in a main menu screen
- Move through a submenu screen
- Move to the next letter, number, or other choice in a submenu
- Back up to correct an error
- Scan through TVchannels (when not in a menu screen)

◀▶ Left and right arrows mean press the VOLUME+ or VOLUME– buttons to move left or right to:
- Select a highlighted menu item
- Select an item in a submenu
- Select numbers in certain menu options
- Turn the volume up or down (when not in a menu screen)

The "Press Button" icon means you should press the button named on your remote control. (Button names appear in SMALL CAPITAL LETTERS.)

The "Helping Hand"icon points to the highlighted or selected item in a menu.



The Onscreen Menus

To bring up the onscreen menu, press the MENU button on the remote control. The item that appears in yellow is the one currently selected. If you press the MENU button again, the onscreen display will skip to the next menu screen. If you use the Menu button on the TV's front panel instead of the remote, an additional menu screen showing channel number and input will appear. The "Plug In Menu"will appear the first time the TV is plugged in.

NOTE: Menus shown in this book are illustrations, not exact replications of the television's onscreen displays.

Plug In Menu

Introduction

The Plug In Menu comes up automatically when you first turn on the TV after plugging it in. The Plug In Menu helps you to get your TV ready to use by letting you set your preferences for:

- The Language in which you want the onscreen menus to appear,
- The Auto Tuner Setup of which channels you wish to receive,
- Setting the TV's clock to the correct time so your timer functions will work properly.

Descriptions of each of the Plug In Menu features appear on this page and the next. We recommend you complete the Plug In Menu setup first so your TV is set up just the way you want, right away.

Language

You can choose to view your onscreen menus in three languages:English, French, or Spanish.

Press the MENU button

▲▼ To LANGUAGE

◀▶ To choose a language

- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Auto Tuner Setup

In Auto Tuner Setup, the TV automatically scans through all available channels, memorizing the active ones and skipping over blank ones or channels with weak signals. This means when you scan (using the CHANNEL +/– buttons) you will receive only clear, active channels.

Press the MENU button

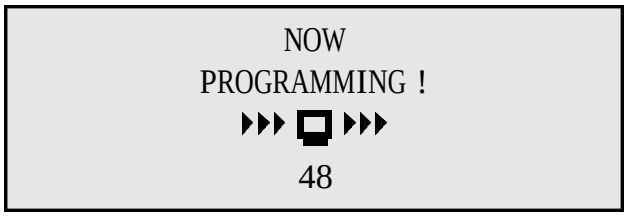
▲▼ To AUTO TUNER SETUP

◀▶ To operate

◀▶ To choose CABLEor AIR

▲▼ To move to START

◀▶ To start Auto Tuner Setup



Programming will take approximately 1 to 2 minutes.

- Noise Muting will not work during Auto Tuner Setup.
- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Auto Clock Set

Before you use any of your TV's timer functions, you must first set the clock. You may precisely set your clock using the XDS time signal broadcast by most Public Broadcastingstations.To set the clock using the XDS signal:

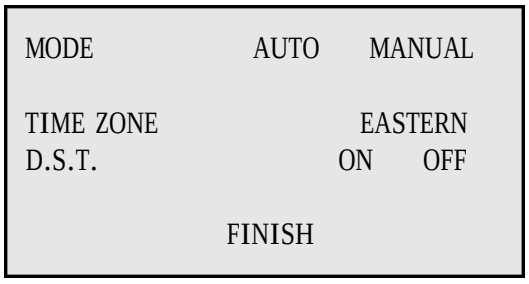
Enter the channel number of your local PBS station

Press MENU

▲▼ To SETCLOCK

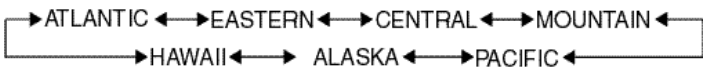
◀▶ To operate

◀▶ To AUTO



▲▼ To TIME ZONE

◀▶ To select your time zone



▲▼ To move to Daylight Savings Time (D.S.T.)

◀▶ To turn D.S.T. ON or OFF

▲▼ To FINISH

◀▶ To save settings and exit

- If you do not have a PBS station in your local area, you will have to set the clock manually. See 'Manual Clock Set'on the next page for instructions.
- The Daylight Savings Time feature automatically adjusts your TV's clock for Daylight Savings. The clock will move forward one hour at 2:00 am on the first Sunday in April.The clock will move back one hour at 2:00 am on the last Sunday in October.
- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Plug In Menu

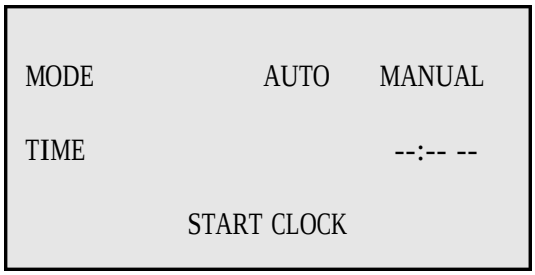
Manual Clock Set

To set your clock manually (without using the XDS signal), choose MANUAL from the Set Clock menu and follow the steps below.

▲▼ To SET CLOCK

◀▶ To operate

◀▶ To MANUAL



▲▼ To move to the hour

◀▶ To set the hour

▲▼ To move to minutes

◀▶ To set the minutes

▲▼ To move to START CLOCK

◀▶ To start clock and exit

- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Finish

Once you have the items in the Plug In Menu set to your personal preferences, move to the Finish option to save your settings.

▲▼ To FINISH

◀▶ To save settings and exit

- You can change the preferences you set in the Plug In Menu at any time using the regular JVC onscreen menu system.

NOTE:

You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

Channel Summary

Channel Summary allows you to customize the line-up of channels received by your TV. You can add or delete channels from the line-up or prevent any unauthorized viewers from watching any or all 181 channels.

Press the MENU button

▲▼ To CHANNEL SUMMARY

◀▶ To operate

CHNO.	SCAN		CHNO.	SCAN	
01			06	✓	
02	✓		07		
03	✓		08		
04	✓		09	✓	
05	✓		10	✓	

The Channel Summary screen (above) will now be displayed with the channels set to scan marked with an "✓". You can delete channels from the scan by removing the "✓". If any channels were missed during Auto Tuner Setup and you wish to add them, you may by placing an "✓" next to the channel number.

▲▼ To the SCAN column

◀▶ To include or delete from scan

EXIT when finished

You can block access to a channel by activating the Channel Lock.

▲▼ To CHANNELSUMMARY

◀▶ To operate

▲▼ To the Lock Column

ZERO to lock or unlock that channel

EXIT when finished

Channel Guard Message

When a viewer attempts to watch a guarded channel, the following message appears:

```
THIS CHANNEL IS LOCKED BY
CHANNEL GUARD.
PLEASE ENTER LOCK CODE BY
10 KEY PAD TO UNLOCK IT.
          NO. - - - -
```

To watch a channel that you have locked, enter the Lock Code using the 10 key pad. If the wrong code is entered, the message "INVALIDLOCK CODE!"will flash on the screen:

The channel cannot be accessed until the correct code is entered.

- Once a channel has been unlocked, it will remain unlocked until the television is turned off.
- See also "Set Lock Code", page 33.

V-Chip

Your TV is equipped with V-Chip technology which enables TV Parental Guidelines (for United States and Canada) and Movie (MPAA) Guideline controls. V-Chip technology allows you to program your TV to receive, or not to receive, programs based on content according to the guidelines. Programs which exceed the ratings limits you set will be blocked. When a viewer attempts to watch a blocked channel, this message appears:

```
THIS PROGRAMMING EXCEEDS
YOUR RATING LIMITS.
PLEASE ENTER LOCK CODE BY
10 KEY PAD TO UNLOCK IT.
          NO. - - - -
```

The channel will remain blocked until the correct lock code is entered (see page 33 for information on setting your lock code).

You can customize the V-Chip settings of your television to match your personal tastes. The V-Chip menu below is the starting point for your V-Chip settings.

```
V-CHIP     ON   OFF
SET US TV  RATINGS
SET MOVIE RATINGS
SET CANADIAN RATINGS ENG
SET CANADIAN RATINGS FRE
UNRATED   VIEW   BLOCK

          FINISH
```

You can use US V-Chip settings (for programming broadcast from the United States), Canadian V-Chip settings (for programming broadcast from Canada), and movie ratings. You may use any or all of the settings (US V-Chip, Canada V-Chip, Movie ratings). Descriptions for setting each of the three V-Chip formats appear in the next seven pages along with descriptions of the rating categories.

To access the rating categories:

- Press the MENU button
- ▲▼ To V-CHIP
- ◀▶ To operate (Lock icon will appear)
- Press ZERO to access the V-Chip menu
- ◀▶ To turn V-Chip ON or OFF (V-Chip must be turned ON for rating settings to operate)
- ▲▼ To move to SET US TV RATINGS, SETMOVIE RATINGS, or SET CANADIAN RATINGS (see following pages for descriptions of each item)

Special Note about Ratings

Some programs are not broadcast with a ratings signal. Therefore, even if you setup V-Chip ratings limits, these programs will not be blocked. Parents are cautioned to preview the contents of these programs or movies.

US V-Chip Ratings

U.S. PARENTAL RATING SYSTEMS

Programs with the following ratings are appropriate for children.

- **TV Y is Appropriate for All Children.**
  Programs are created for very young viewers and should be suitable for all ages, including children ages 2 - 6.
- **TV Y7 is for Older Children.**
  Most parents would find such programs suitable for children 7 and above. These programs may contain some mild fantasy violence or comedic violence, which children should be able to discern from reality.

Programs with the following ratings are designed for the entire audience.

- **TV G stands for General Audience.**
  Most parents would find these programs suitable for all age groups. They contain little or no violence, no strong language, and little or no sexual dialog or situations.
- **TV PG Parental Guidance Suggested.**
  May contain some, but not much, strong language, limited violence, and some suggestive sexual dialog or situations. It is recommended that parents watch these programs first, or with their children.
- **TV 14 Parents Strongly Cautioned.**
  Programs contain some material that may be unsuitable for children under the age of 14 including possible intense violence, sexual situations, strong coarse language, or intensely suggestive dialog. Parents are cautioned against unattended viewing by children under 14.
- **TV MA Mature Audiences Only.**
  These programs are specifically for adults and may be unsuitable for anyone under 17 years of age. TV MA programs may have extensive V, S, L, or D.

Viewing Guidelines

In addition to the ratings categories explained above, information on specific kinds of content are also supplied with the V-Chip rating. These types of content may also be blocked. The content types are:

- **V/FV** is for VIOLENCE/FANTASY VIOLENCE
- **S** stands for SEXUAL CONTENT
- **L** stands for strong LANGUAGE
- **D** stands for suggestive DIALOG

V-Chip

Setting US V-Chip Ratings

Press the MENU button

▲▼ To V-CHIP

◀▶ To operate (Lock icon will appear)

Press ZERO to access the V-Chip menu

```
V-CHIP      ON   OFF
SET US TV  RATINGS
SET MOVIE RATINGS
SET CANADIAN RATINGS ENG
SET CANADIAN RATINGS FRE
UNRATED   VIEW   BLOCK

              FINISH
```

◀▶ To turn V-Chip ON or OFF

▲▼ To move to SET US TV RATINGS

◀▶ To operate

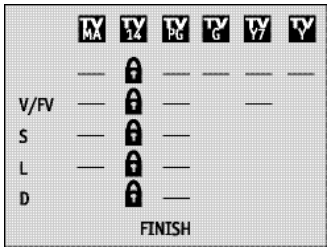
Directions to set US V-Chip Ratings:

Line up the cursor in the column (TV PG, TV G, etc.) with the content row (V/FV, S, etc.) and press the ▲ or ▼ to move the cursor to the correct location. Press ◀ or ▶ to turn the locking feature on or off. An item is locked if the icon appears instead of a "—".

For example: To block viewing of all TV 14 shows, move the cursor to the top row of that column and add a lock icon. Once you've put a lock on the top row, everything in that column is automatically locked.

▲▼ To the TV 14 Column

◀▶ To turn on the lock



▲▼ To FINISH

◀▶ To save settings and exit

- If you want to change the setup, move the cursor to the top column and change the lock icon to "—" by pressing ◀ or ▶ again. You may then select individual categories to block.

Setting ratings with the V-Chip button

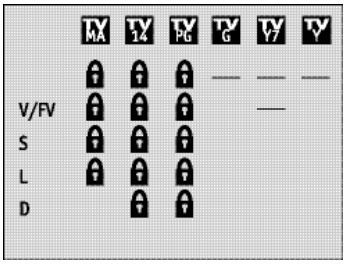
To access Rating information about a certain program, press the V-CHIP button while viewing that program. A display like this will appear:

If you decide you want to block this category of viewing, press "0" while the above screen is visible, and all programs from that category will be blocked.

Example 1:

If you want to set your V-Chip settings to block all programming above TV PG:

Press ZERO when TV-PG is displayed

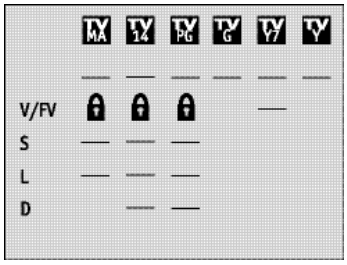


All Programming above TV PG will be blocked.

Example 2:

If you want to set your V-Chip settings to block all programming above a current setting such as TV PG-V (with violence):

Press ZERO when TV-PG - V is displayed



All Programming above TV PG - V (with Violence) will be blocked.

- For Children's programming you can block TV-Y and Y7 programs by Pressing “0” when Y is displayed during a program. Programming for audiences other than children’s audiences will not be affected.

V-Chip

Movie Ratings

- **NR –Not Rated.**
  This is a film which has no rating. In many cases these films were imported from countries which do not use the MPAA ratings system. Other NR films may be from amateur producers who didn't intend to have their film widely released.
  NR (Not Rated) Programming may contain all types of programming including children's programming, foreign programs, or adult material.

- **G –General Audience .**
  In the opinion of the review board, these films contain nothing in the way of sexual content, violence, or language that would be unsuitable for audiences of any age.
- **PG –Parental Guidance .**
  Parental Guidance means the movie may contain some contents such as mild violence, some brief nudity, and strong language. The contents are not deemed intense.
- **PG-13 –Parents Strongly Cautioned.**
  Parents with children under 13 are cautioned that the content of movies with this rating may include more explicit sexual, language, and violence content than movies rated PG.
- **R - Restricted.**
  These films contain material that is explicit in nature and is not recommended for unsupervised children under the age of 17.
- **NC-17 - No One Under 17.**
  These movies contain content which most parents would feel is too adult for their children to view. Content can consist of strong language, nudity, violence, and suggestive or explicit subject matter.
- **X - No One under 18.**
  Inappropriate material for anyone under 18.

Directions to set Movie (MPAA) Ratings:

Press the MENU button

▲▼ To V-CHIP

◀▶ To operate (Lock icon appears)

Press ZERO to access V-Chip setup options

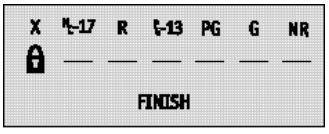
▲▼ To SET MOVIE RATINGS

◀▶ To enter movies menu

For example, to block viewing of X and NC-17 rated from shows:

▲▼ To the X Column

◀▶ To turn on the lock



▲▼ To the NC-17 Column

◀▶ To turn on the lock

▲▼ To FINISH

◀▶ To save settings and exit

Canadian V-Chip Ratings

- **E - Exempt.**
  Exempt programming includes:news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.
- **C - Programming Intended for Children.**
  Violence Guidelines:There will be no realistic scenes of violence. Depictions of aggressive behavior will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature.
- **C8+ - Programming Intended for Children 8 and Over .**
  Violence Guidelines: Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. There will be no offensive language, nudity or sexual content.
- **G - General Audience .**
  Programming will contain little violence and will be sensitive to themes which could affect younger children.
- **PG - Parental Guidance.**
  Programming intended for a general audience, but which may not be suitable for younger children. Parents may consider some content not appropriate for children aged 8-13.
- **14+ - 14 Years and Older.**
  Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Programming may contain mature themes and scenes of intense violence.
- **18+ - Adult.**
  Material intended for mature audiences only.

Directions to set Canadian V-Chip Ratings:

Press the MENU button

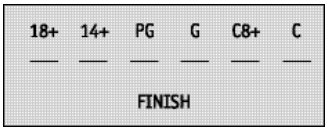
▲▼ To V-CHIP

◀▶ To operate (Lock icon appears)

Press ZERO to access V-Chip setup options

▲▼ To SET CANADIAN RATINGS ENG (for English)

◀▶ To enter ratings menu



For example, to block viewing of programming rated 14+ and 18+:

▲▼ To the 18+ Column

◀▶ To turn on the lock

▲▼ To the 14+ Column

◀▶ To turn on the lock

▲▼ To FINISH

◀▶ To save settings and exit

- For instructions on “Set Canadian Ratings FRE (in French)”, please see page 31 in the French side of this user’s guide.

V-Chip

Unrated Programs

Notes About Unrated Programs:

Unrated programming refers to any programming which does not contain a rating signal. Programming on television stations which do not broadcast rating signals will be placed in the “Unrated Programming" category.

Examples of Unrated programs:

Emergency Bulletins
Locally Originated Programming
News
Political Programs
Public Service Announcements
Religious Programs
Sports
Weather
Some Commercials

- TV programs or movies that do not have rating signals will be blocked if the Unrated Category is set to BLOCK.

Directions to Block Unrated Programs:

You can block programs that are not rated.

Press the MENU button

▲▼ To V-CHIP

◀▶ To operate (The lock icon appears)

Press ZERO to access V-Chip setup options

▲▼ To UNRATED

UNRATED	VIEW	BLOCK

◀▶ To VIEW or BLOCK

Press EXIT when done

Set Lock Code

Channel Guard and V-Chip settings are protected by a four-digit Lock Code. Your TV comes pre-set with a Lock Code of "0000". You may change the code to any four-digit number you wish. To change the Lock Code, follow the steps below.

Press the MENU button

▲▼ To SETLOCK CODE

◀▶ To operate

The lock icon appears.

Press ZERO to access the Lock Code

The first digit will be highlighted

◀▶ To select the number

▲▼ To move to the next digit

Continue to follow these directions for all four numbers.

▲▼ To FINISH

◀▶ To save settings and exit

Your Lock Code is now set..

NOTE:

- After a power interruption you must reset the Lock Code.
- Write your Lock Code number down and keep it hidden from potential viewers.
- If you forget the Lock Code, a new code may be set using the steps listed above.

Picture Settings

Tint

Tint allows you to adjust the levels of red and green in your TV picture.

Press the MENU button

▲▼ To TINT

▶ To increase the levels of green

◀ To increase the levels of red

▲▼ To move to the next setting

Color

The color function lets you make all the colors in the TV picture appear either more vivid or subtle.

Press the MENU button

▲▼ To COLOR

▶ To make the colors more vivid

◀ To make the colors more subdued

▲▼ To move to the next setting

Picture

Picture allows you to adjust the levels of black and white on the TV screen, giving you a darker or brighter picture overall.

Press the MENU button

▲▼ To PICTURE

▶ To increase the level of contrast

◀ To decrease the level of contrast

▲▼ To move to the next setting

Bright

You can adjust the overall brightness of the TV picture with the Bright control.

Press the MENU button

▲▼ To BRIGHT

▶ To lighten the picture

◀ To darken the picture

▲▼ To move to the next setting

Detail

The Detail feature adjusts the level of fine detail displayed in the picture.

Press the MENU button

▲▼ To DETAIL

▶ To make the picture sharper (more details)

◀ To make the picture smoother (less detail)

▲▼ To move to the next setting

Noise Muting

This feature inserts a blank blue screen over channels which are not broadcasting or are too weak to be received clearly.

Press the MENU button

▲▼ To NOISE MUTING

◀▶ To turn Noise Muting ON or OFF

- Noise Muting will not work during Auto Tuner Setup or when you operate Channel Summary.

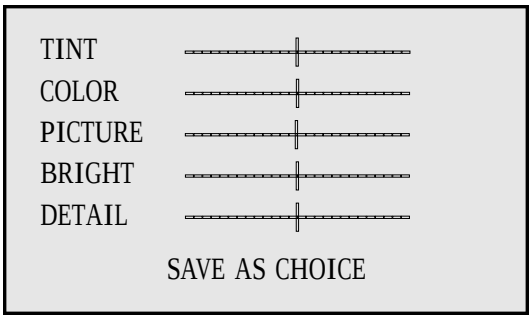
Set Video Status

With Set Video Status, you can save your own set of picture quality adjustments as “Choice” and have access to them at the touch of a button.

Press the MENU button

▲▼ To SETVIDEO STATUS

◀▶ To operate



◀▶ To set the TINT levels

▲▼ To move to the next option

Repeat these steps until all levels are set.

▲▼ To SAVEAS CHOICE

◀▶ To save settings and exit

- You must use SAVE AS CHOICE to exit the Set Video Status menu, otherwise your preferences will not be saved.
- You can access your “Choice”settings at any time by pressing the VIDEO STATUS button on the remote control.

NOTE:

The setting screen will disappear if you do not make any adjustments or move to the next setting in approximately three seconds. Any changes you have made to picture settings up to that point will be stored. You can exit the Picture Settings menu at any time by pressing the EXIT button on the remote control.

Sound Settings

Bass

You can increase or decrease the level of low-frequency sound in the TV's audio with the Bass adjustment.

Press the MENU button

▲▼ To BASS

▶ To increase the bass

◀ To decrease the bass

▲▼ To move to the next setting

Treble

Use Treble to adjust the level of high-frequency sound in your TV's audio.

Press the MENU button

▲▼ To TREBLE

▶ To increase the treble

◀ To decrease the treble

▲▼ To move to the next setting

Balance

Adjust the level of sound between the TV's two speakers with the Balance setting.

Press the MENU button

▲▼ To BALANCE

▶ To shift the balance towards the right speaker

◀ To shift the balance towards the left speaker

▲▼ To move to the next setting

MTS (Multi-Channel Television Sound)

MTS technology allows several audio signals to be broadcast at once, giving you a choice in what you wish to hear with a TV program. In addition to mono or stereo sound, an MTS broadcast may also include a Second Audio Program (SAP).

Press the MENU button

▲▼ To MTS

◀▶ Select the mode

(The ON AIR arrow tells you if a broadcast is in Stereo and/or contains an SAP).

- Keep the TV in STEREO mode to get the best sound quality. The sound will work in STEREO mode even if a certain broadcast is in MONO sound only.
- Choose the MONO setting to reduce excessive noise on a certain channel or broadcast.
- Selecting SAP will allow you to hear an alternative soundtrack, if one is available.

NOTE:

You can leave the Sound Settings menu at any time by pressing the EXIT button on the remote control.

Purity

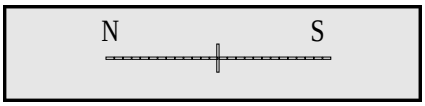
This helps clean up the picture so that it may not contain any “snow”.

Press the MENU button

▲▼ To PURITY

◀▶ To enter

◀▶ To adjust purity



On/Off Timer

The On/Off timer lets you program your television to turn itself on or off. You can use it as an alarm to wake up, to help you remember important programs, or as a decoy when you're not home.

Press the MENU button

▲▼ To ON/OFFTIMER

◀▶ To operate (begins with ON TIME)

◀▶ To set the hour (AM/PM) you want the TV to turn on

▼ To move to minutes

◀▶ To set the minutes

▼ To accept ON TIME and move to OFF TIME (the time the TV will turn off). Set the OFF TIMEthe same way as ON TIME

▼ To accept OFFTIME and move to CHANNEL

◀▶ To select channel

▼ To move to MODE

◀▶ Choose ONCE or EVERYDAY

▼ To ON/OFFTIMER

◀▶ Choose YES to accept the timer setting, choose NOif you don't wish to accept

▼ To FINISH

◀▶ To save settings

On/Off Timer Note for PIP (AV-36F802, AV-32F802 & AV-27F802) only.

If the television is on when a timed event is about to start a Timer Preview window will appear. The Timer Preview window will appear in the lower right corner of the screen seven seconds before the timer is programmed to begin. When the timer activates, the Preview picture will become the main picture.

NOTE:

- The On/Off time cannot be set to locked or guarded channels.
- In order for the On/Off timer to work, the clock must be set.
- After a power interruption, the Timer settings must be reset.

General Items

TV Speaker

If your TV is connected to a stereo system, you can turn off the TV speakers and listen to the audio through your stereo.

Press the MENU button

▲▼ To TVSPEAKER

◀▶ To turn the TV's speakers ONor OFF

EXIT when finished

- Before you turn the TV Speaker setting from OFF to ON, **make sure that the TV volume level is low!** If the TV volume is set too high, the sound level will be extremely loud.
- After a power interruption, the TVSpeaker settings will return to “ON”.

Audio Out

If your television is connected to an external speaker source, Audio Out gives you the option of controlling the volume level with your TV’s remote control.

Press the MENU button

▲▼ To AUDIO OUT

◀▶ ToVARI or FIX

EXIT when finished

VARI: Lets you adjust the volume of the external speakers using the VOLUME +/– buttons on your TV’s remote control.

FIX: The volume of the external speakers is adjusted using the audio device’s remote control.

NOTE:

- External Speakers: When using external speakers or amplifiers, shut off the TV Speakers (see ‘TV Speaker’) above.

V4 Component-In (AV-36F802, AV-32F802 & AV-27F802) / V2 Component-In (AV-36F702, AV-32F702 & AV-27F702)

Get the best quality video from your DVD player by using this setting and the DVD inputs at the rear of the television. Set either to YES for component input (for DVD) or to NO for composite video input (for a regular VCR).

Press the MENU button

▲▼ To V4 COMPONENT-IN (or V2 COMPONENT-IN for models AV-36F702, AV-32F702 and AV-27F702)

V4 COMPONENT-IN	YES	NO

◀▶ To turn the input ON or OFF

EXIT when finished

- This option should be used with DVD players only. For information on connecting VCR's see page 11. For more information on connecting a DVD player, see page 14.
- **AV-36F702, AV-32F702 & AV-27F702 note:** These models do not have Input 4.

Closed Caption

Many broadcasts now include an onscreen display of dialog called Closed Captions. Some broadcasts may also include displays of additional information in text form. Your television can access and display this information using the Closed Caption feature. To activate the Closed Caption feature, follow the steps below.

Press the MENU button

▲▼ To CLOSED CAPTION

◀▶ To operate

MODE	:	CAPTION			
CAPTION	:	CC1	CC2	CC3	CC4
TEXT	:	T1	T2	T3	T4
			FINISH		

◀▶ To select CAPTION (for Closed Captions), TEXT (for text display), or OFF (for no display)

▲▼ To move to CAPTION or TEXT

◀▶ To select a caption (CC1 to CC4) or text channel (T1 to T4)

▲▼ To accept that selection and move to FINISH

◀▶ To save settings and exit

NOTE:

- Closed Caption subtitles are usually found on closed caption channel CC1. Some programs may include additional text information which is usually found on text channel T1. The other channels are available for future use.
- Closed captioning may not work correctly if the signal being received is weak or if you are playing a video tape.
- Most broadcasts containing Closed Captioning will display a notice at the start of the program.

Button Functions

Menu

The MENU button allows you to access JVC's onscreen menu system. Press MENU to activate the onscreen menu system.

- See individual topics (like "Sound Settings") for specific information on using menus.

Exit and PIP Off

Press the EXIT button to leave a menu screen. On the RM-C301G this button is also labeled "PIP OFF". Press EXIT/PIP OFF to turn off the Picture-in-Picture function (please see page 44 for more information on the PIP feature).

- **PIP is available only on AV-36F802, AV-32F802 & AV-27F802.**

Display

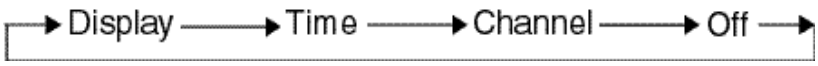
The Display screen shows the current status of timers and inputs.

Press the DISPLAY button

07	
NOW	12:20 PM
SLEEP TIMER	OFF
ON/OFF TIMER	EVERYDAY
ON TIME	7:00 PM
OFF TIME	10:00 PM

The screen above shows the following information:

- The current channel or AV input (Channel 07)
- The current time (12:20 pm)
- Sleep Timer status/minutes remaining (The Sleep Timer is off)
- On/Off Timer status (Set to turn on everyday at 7:00 PM, off at 10:00 PM)
- Each Press of the DISPLAY button changes the display mode:



Display – Full screen shown above

Time – Shows the current time only

Channel – Shows the current channel

Off – Turns Display off

- You may also turn off the Display at any step by pressing EXIT.

NOTE:

- Please note that if the Clock, Sleep Timer or On/Off Timer are not set, the Display screen will show:"CLOCK NOT SET", "SLEEP TIMER OFF", and "ON/OFF TIMER OFF" respectively.

Video Status

The VIDEO STATUS button gives you a choice of three TV picture display settings, including a display of your own preferences.

Standard – Resets the picture display to the factory settings.

Choice – Displays the setting levels you specified on the "Set Video Status"Menu (see page 35).

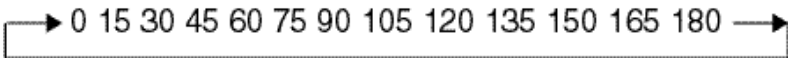
Theater – Gives a rich, film-like look to video.

Press the VIDEO STATUS button

Sleep Timer

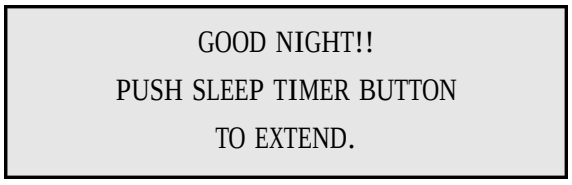
The Sleep Timer can turn the TV off for you after you fall asleep. Program it to work in intervals of 15 minutes, for a total time of up to 180 minutes.

Press the SLEEP TIMER button



Sleep Timer Message

20 seconds before the automatic shutoff, this message will appear:



You then have 20 seconds to press the Sleep Timer button to delay the shutoff for another 15 minutes.

Hyper Surround

Creates a deep, three-dimensional sound effect by channeling the audio through the TV's front-firing speakers. Press the HYPER SURROUND button to turn the effect on or off.

Muting

The MUTING button instantly turns the volume down completely when you press it. Press MUTING and the volume level will instantly go to zero. To restore the volume to its previous level, press MUTING again.

Button Functions

BBE

BBE high definition audio adds natural, clear and extraordinary sound quality to any program. Turn BBE On or Off using the BBE button.

100+ Button

Use the 100+ button to directly access channels above Channel 99. For example to move to channel 124, press100+, 2 (two), 4 (four).

Return+

The RETURN+ button has two functions:

Return – Returns to the channel viewed just before the channel currently onscreen.

Return+ – Lets you program a specific channel to return to while scanning through the channels using the CH+ and CH– buttons.

RETURN+ and hold for three seconds

The channel currently active has been programmed as your Return+ channel. Now scan through the channels using the CHANNEL+/– buttons

RETURN+

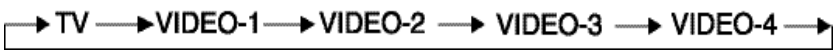
You will return to your programmed channel.

- To cancel your Return+ channel, press and hold the RETURN+ button for three seconds. The message "RETURN CHANNEL CANCELLED!"will appear.
- Return+ works only with the CHANNEL+/– buttons. Pressing any number key will cancel Return+.
- Return+ does not affect the PIPchannel (AV-36F802, AV-32F802 & AV-27F802 only).

Input

Selects the signal input source for the television:TV (for Antenna or Cable) or Video-1, 2, 3, or 4 for video devices like VCR's, DVD players, or camcorders.

INPUT



- AV-36F702, AV-32F702 & AV-27F702 do not have a Video-4 input.

NOTE:

- BBE is a registered trademark of BBESound, Inc. For U.S., licensed from BBE Sound, Inc. under USP 4638258, 4482866 and 5510572. For Canada, licensed from BBE Sound, Inc. BBE is a registered trademark of BBESound, Inc.

Button Functions

VCR Buttons

You can use this remote control to operate the basic functions of your VCR. These functions include:play, record, rewind, fast-forward, stop, pause, channel scan, TV/VCR, power on, and power off.

Move the selector switch to **VCR** to operate.

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 19.

DVD Buttons

You can also use this remote control to operate the basic functions of your DVD player. These functions include:play, rewind, fast-forward, stop, still/pause, previous/next, tray open/close, power on, and power off.

Move the selector switch to **DVD** to operate.

- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 20.

TV/CATV Switch

Use either the television's own tuner or a cable box to select channels. Set this switch to TV to operate the television's built-in tuner. Move the switch to CATV to operate a cable box.

- See page 18 for information on programming your remote for cable box operation.

VCR/DVD Switch

You can control a VCR or DVDplayer with the buttons on the lower part of the remote control. Use the VCR/DVD selector switch to choose either VCR or DVD operation.

- See pages 19 and 20 for information on programming your remote with VCR and DVD operating codes.

Light

Your remote control includes illuminated buttons for key features like CHANNEL +/– and VOLUME +/–. Press the LIGHT button to turn the illumination on.

Button Functions - PIP

PIP displays two separate pictures on screen. Your television has 2-Tuner PIP, meaning you can view pictures from two different channels simultaneously. A special set of PIP control buttons are located on the upper part of the remote control. Descriptions of each button appear on this page.

The PIP feature is available on models AV-36F802, AV-32F802 & AV-27F802 only.

Cable Box Note

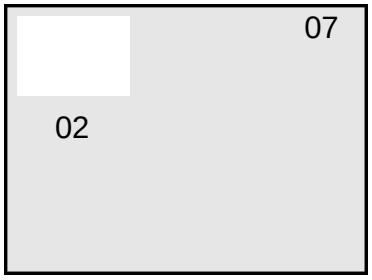
The 2-Tuner PIP function may not operate when used with certain cable boxes. This is because while some models of cable box may receive up to 181 channels, they may only send the signal from one channel to your television (please also see diagram on page 11). For the PIPtuner to operate correctly, it must have access to all available channels. Since the television is receiving the signal of only one channel from the cable box, it is impossible for the 2-Tuner PIP to display a second, different channel.

Because there are many different models of cable boxes in use today, if you are having problems operating your PIP feature with your cable box, we recommend you contact your local cable company for connection advice.

On/Move

Turn PIP on by pressing the ON/MOVE button.

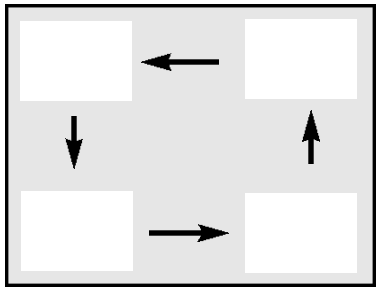
(PIP) ON/MOVE



PIP OFF to turn PIP off

Once PIP is turned on, you can move the PIP window to any of the TV's main picture's four corners with the ON/MOVE button

ON/MOVE



NOTE:
- Each press of ON/MOVE will shift the PIP window to a different corner.

Button Functions - PIP

Freeze

Use the FREEZE button to lock a single, still image onto the PIP window.

- If PIP is off when FREEZE is pressed, a snapshot of the main screen is taken and placed in the PIP window.
- If PIP is on when FREEZE is pressed, the image in the window when the button was pressed is held.

Swap

You can exchange the channel displayed on the main screen for the one shown in the PIP window by pressing SWAP.

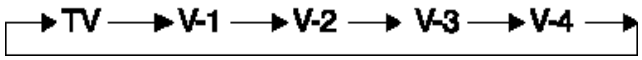
Channel +/–for PIP

Like the main CHANNEL +/– buttons, CHANNEL +/– for PIP lets you scan through the channels in the PIP window.

- Direct channel selection with the 10 key pad for PIPis not possible.

Source

You can select the signal source for the PIP window image.



- If the PIP does not have a signal, the window will be blue.
- If you connect a DVD to Video-2 or Video-4, the PIP window will be blue.

NOTE:

- The PIP window is $^1/_9$ the size of the full screen.
- PIP will not display blocked channels or programs. A blue screen will display instead.

Troubleshooting

PROBLEMS	CHECK
There is no power	• See if the power cord became unplugged. • Check for a blown fuse or circuit breaker or a power outage.
There is no picture or sound	• The antenna could be disconnected. • The input mode could be set improperly. See page 42. • The tuner (Auto Tuner Setup) could be set improperly. See page 22. • The TV station may be having difficulties. Check to see if other stations are working.
Remote control is not operating properly or at all	• Check to see that the batteries are still working and properly installed. • Make sure the remote has a clear sight path to the TV. • Check that the TV/CATV switch is in the proper position. • You may be too far from the TV. You must be within 23 feet (7 meters).
You cannot select a certain channel	• Make sure the channels have been programmed. See "Channel Summary", page 25. • Check to see if the channel is locked. See "Channel Summary - Lock" page 25.
The power turns off by itself	• Make sure the set did not become unplugged. • Perhaps the On/Off Timer is set. See page 37. • Check to see if the Sleep Timer was set. See page 41.
The clock is wrong	• The power was interrupted and the clock was not reset. See page 23.
The On Timer is blinking	• There is a problem with the TV. Unplug the set and call for service.
The color quality is poor	• Tint and Color may be improperly adjusted. See page 34. • The Video Status mode may be turned to the wrong setting. See page 35.
There are lines across the picture	• There could be interference from another electrical appliance, such as a computer, another TV or VCR. Move any such appliances further away from the TV.
The picture is spotted	• There could be interference from a high-wattage appliance, like a hairdryer or vacuum, operating nearby. Move the antenna away from the appliance or change to a coaxial cable connection which is less prone to interference.
There are double pictures (ghosts)	• A building or passing airplane can reflect the original signal and produce a second, slightly delayed one. Adjust your antenna position.
Picture is snowy (image noise)	• Your antenna may be damaged, disconnected or turned. Check the antenna connection. If the antenna is damaged, replace it.
Screen is 80% black	• The Closed Caption Text mode is on. Turn it off in the Closed Caption Menu, page 39.
Stereo or bilingual programs can't be heard	• Make sure the MTS settings are correct. See "MTS" on page 36.
There is no sound from the TV's speakers	• The TV Speaker option may be turned off. See page 38.
Static electricity	• It is normal to feel static electricity if you brush or touch the screen.
You hear occasional crackling sounds	• It is normal for the TV to make crackling sounds when first turned on or off. Unless the sound or picture become abnormal, this is fine.

Warranty

For Canadian model televisions, see the separate sheet for Canadian Warranty information.

JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original retail purchase for the period shown below (the "Warranty Period") (PICTURE TUBE is covered for Two (2) years.)

Parts	Labor
1 YEAR	1 YEAR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:
If this product is found to be defective within the warranty period,JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during regular business hours at JVCauthorized service centers. Parts used for replacement are warranted only for the remainder of this Warranty Period. All products and parts thereof may be brought to a JVCauthorized service center on a carry-in basis. Televisions with a screen size of 25 inches and larger may be covered on an in-home basis where such service is available.

WHAT YOU MUST DO FOR WARRANTY SERVICE:
To determine if in-home service is available in your area, either contact the selling dealer (retailer) or call 1-800-537-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvcservice.com.In-home service, if available, will require clear access to the Television by the service representatives.If in-home service is not available, carry in service will be provided.

If service is not locally available, box the product carefully, preferably in its original carton, and ship, insured, with a copy of your bill of sale plus a letter of explanation of the problem to the nearest JVC Factory Service Center, the name and location which will be given to you by the toll free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

WHAT IS NOT COVERED:
This limited warranty provided by JVC does not cover:
1) Products which have been subject to abuse, accident,alteration,modification,tampering,negligence, misuse, faulty installation,lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products,or if the model or serial number has been altered, tampered with,defaced or removed;
2) Initial installation, installation and removal from "built-in" entertainment centers and other mounting systems;
3) Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4) Damage that occurs in shipment, due to an act of God,and cosmetic damage;
5) Signal reception problems and failures due to line power surge;
6) Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus (Needle) are covered for 90 days from the date of purchase;

Warranty

7) Accessories;
8) Batteries (except that Rechargeable Batteries are covered for 90 days from date of purchase.)

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES,INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILTY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING,WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long the warranty lasts,so these exclusions or limitations may not apply to you.This warranty gives you specific legal rights and you may also have other rights which vary state to state.

JVCCOMPANYOF AMERICA 1700 Valley Road
DIVISION OF JVC AMERICAS CORP. Wayne, New Jersey 07470
http://www.jvcservice.com

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY. THIS WARRANTY DOES NOT APPLY FOR DETAILS OF REFURBISHED PRODUCT WARRANTY. PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:
Enter below the Model No. and Serial No.which is located either on the rear, bottom or side of the cabinet.
Retain this information for future reference.

Model No.: _____ **Serial No.:** _____
Purchase Date: _____ **Name Of Dealer:** _____

Authorized Service Centers

QUALITY JVC SERVICE

HOW TO LOCATE YOUR JVC SERVICE CENTER

TOLL FREE: 1 (800) 537-5722
http://www.jvc.com

Dear Customer,

In order to receive the most satisfaction from your purchase, please read the instruction booklet before operating the unit. In the event that repairs are necessary, or for the address nearest your location within the Continental United States, please call 1 (800) 537-5722 for your nearest authorized servicer or visit our website at **www.JVC.com**.

Remember to retain your Bill of Sale for Warranty Service.

Do not service the television yourself

Caution

To prevent electrical shock, do not open the cabinet.There are no user serviceable parts inside. Please refer to qualified service personnel for repairs.

Accessories

To purchase accessories for your JVC product, you may contact your local JVC Dealer. From the 48 Continental United States call toll free: 1 (800) 882-2345 or on the web at **www.JVC.com**

For service in Canada

To locate your local JVC service center or dealer in Canada please call:

In Eastern Canada:	In Western Canada:	En Français (Montréal):
1 (416) 293-1311	1 (604) 270-1311	1 (514) 871-1311

Or visit us on the web at **www.JVC.ca**

Search Codes

Cable/Satellite Search Codes Function:

1) Slide the first 2-Way Mode Selector switch to CATV.
2) Press the TV POWER and RETURN+ buttons. Hold for at least three seconds and release.
3) Press TV POWER, see if the CATV or Satellite box responds.
4) If there was a response, press RETURN+. The operating codes are now set.If there was no response, repeat Step 3.If you repeat Step 3 a total of 52 times without a response, use the remote control which came with the equipment.
5) Press RETURN+ to exit.

VCR Search Codes Function:

1) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “VCR”.
2) Press the VCR POWER and RETURN+ buttons. Hold for at least three seconds and release.
3) Press VCR POWER, see if the VCR responds.
4) If there was a response, press RETURN+. The operating codes are now set.If there was no response, repeat Step 3. If you repeat Step 3 a total of 80 times without a response, use the manufacturers remote control which came with the VCR.
5) Press RETURN+ to exit.

DVD Player Search Codes Function:

1) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “DVD”.
2) Press the DVD POWER and RETURN+ buttons. Hold for at least three seconds and release.
3) Press DVD POWER, see if the DVDplayer responds.
4) If there was a response, press RETURN+. The operating codes are now set. If there was no response, repeat Step 3.If you repeat Step 3 a total of 30 times without a response, use the manufacturers remote control which came with the DVDplayer.
5) Press RETURN+ to exit.

Specifications

Model	AV-27F702 AV-27F802	AV-32F702 AV-32F802	AV-36F702 AV-36F802
Reception Format	NTSC, BTSC System (Multi-Channel Sound)		
Reception Range	VHF 2 to 13, UHF 14 to 69 Sub Mid, Mid, Super, Hyper and Ultra Bands (181 channel frequency synthesizer system)		
Power Consumption	140W	155W	160W
Power Source	AC 120V, 60Hz		
Screen Size	27 inch / 68 cm measured diagonally	32 inch / 80 cm measured diagonally	36 inch / 90 cm measured diagonally
Speakers	2" x 4 3/4" / 5 x 12 cm oval x 2		
Audio Output	5W + 5W		
Antenna Terminal	75 ohms (VHF/UHF) (F-type connector)		
External Input Jacks	Video: 1 Vp-p, 75 ohms Audio: 500mVrms (-4dBs) high impedance		
S-Video Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms		
Component Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) Pb/Pr: 0.7 Vp-p, 75 ohms		
Audio Output Jacks (VAR/FIX)	Var: More than 0 to 1550 mVrms (+6 dBs) Fixed: 500mVrms (-4dBs) low impedance (400 Hz when modulated 100%)		
AV Compu Link EX Jack	3.5 mm mini jack x 1		
Dimensions WxHxD (inch/cm)	29 7/8" x 23 3/8" x 19 3/4" 75.8 x 59.3 x 50.0	34 5/8" x 27 5/8" x 22 1/4" 87.7 x 69.9 x 56.5	38 1/8" x 30 3/8" x 24 1/8" 96.7 x 77.0 x 61.0
Weight (lbs/kg)	101.2 (lbs) / 46 (kg)	140.8 (lbs) / 64 (kg)	187.0 (lbs) / 85.0 (kg)
Accessories	Remote control unit / AA batteries x 2		

Specifications subject to change without notice.

JVC COMPANY OF AMERICA
Division of JVC Americas Corp.
1700 Valley Road
Wayne, New Jersey, 07470

JVC CANADA, INC.
21 Finchdene Square
Scarborough, Ontario
Canada, M1X 1A7

JVC

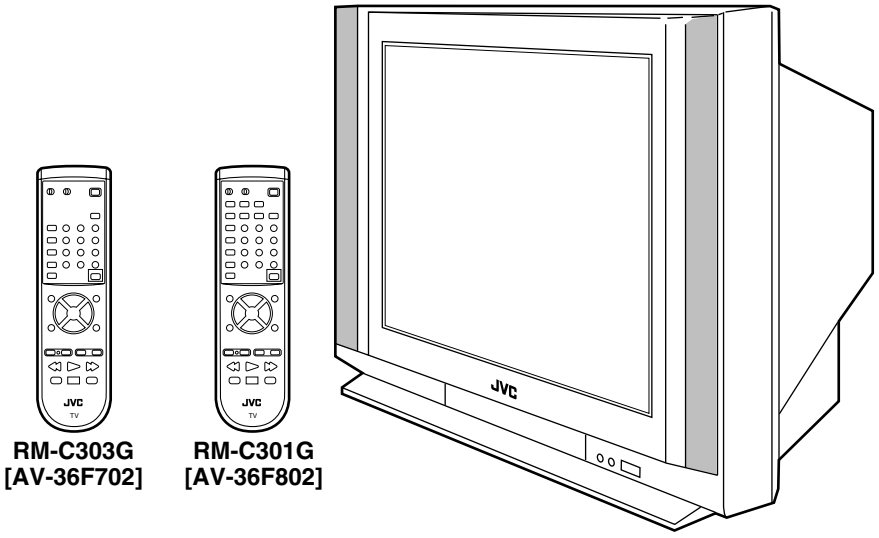
SCHEMATIC DIAGRAMS

COLOR TELEVISION

BASIC CHASSIS
AC

AV-36F702 /Y
AV-36F802 /Y

CD-ROM No. SML200201



RM-C303G
[AV-36F702]

RM-C301G
[AV-36F802]

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No. 51907B
Dec. 2001

AV-36F702 /Y
AV-36F802 /Y STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1) Input signal : Color bar signal
(2) Setting positions of each knob/button and variable resistor : Original setting position when shipped
(3) Internal resistance of tester : DC 20kΩ/V
(4) Oscilloscope sweeping time : H ⇒ 20μS/div
: V ⇒ 5mS/div
: Others ⇒ Sweeping time is specified
(5) Voltage values : All DC voltage values

∗Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R1209 → R209

4. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

● Resistance value

No unit	: [Ω]
k	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/10 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
AC indicated	: AC withstand voltage [V]
Others	: DC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example] : Capacitance value [μF]/withstand voltage[V]

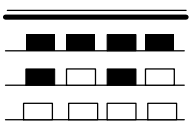
● Type

No indication	: Ceramic capacitor
MY	: Mylar capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3) Coils

No unit	: [μH]
Others	: As specified

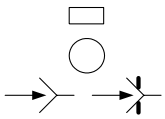
(4) Power Supply



∗Respective voltage values are indicated

(5) Test point

(6) Connecting method



(7) Ground symbol

⊥ : LIVE side ground
⏚ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
▽ : DIGITAL ground

5. NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
(2) Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time with a measuring apparatus (oscilloscope, etc.). If the above precaution is not respected , a fuse or any parts will be broken.

● **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

Dec. 2001 No. 51907B

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Pattern name / Model	AV-36F702	AV-36F802
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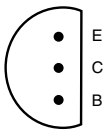
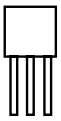
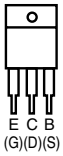
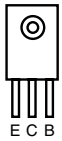
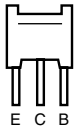
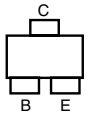
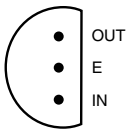
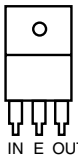
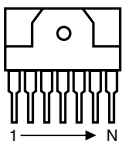
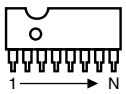
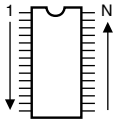
SEMICONDUCTOR SHAPES

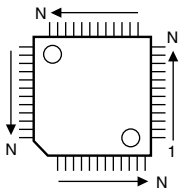
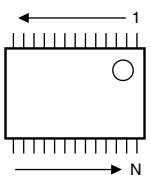
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

IC

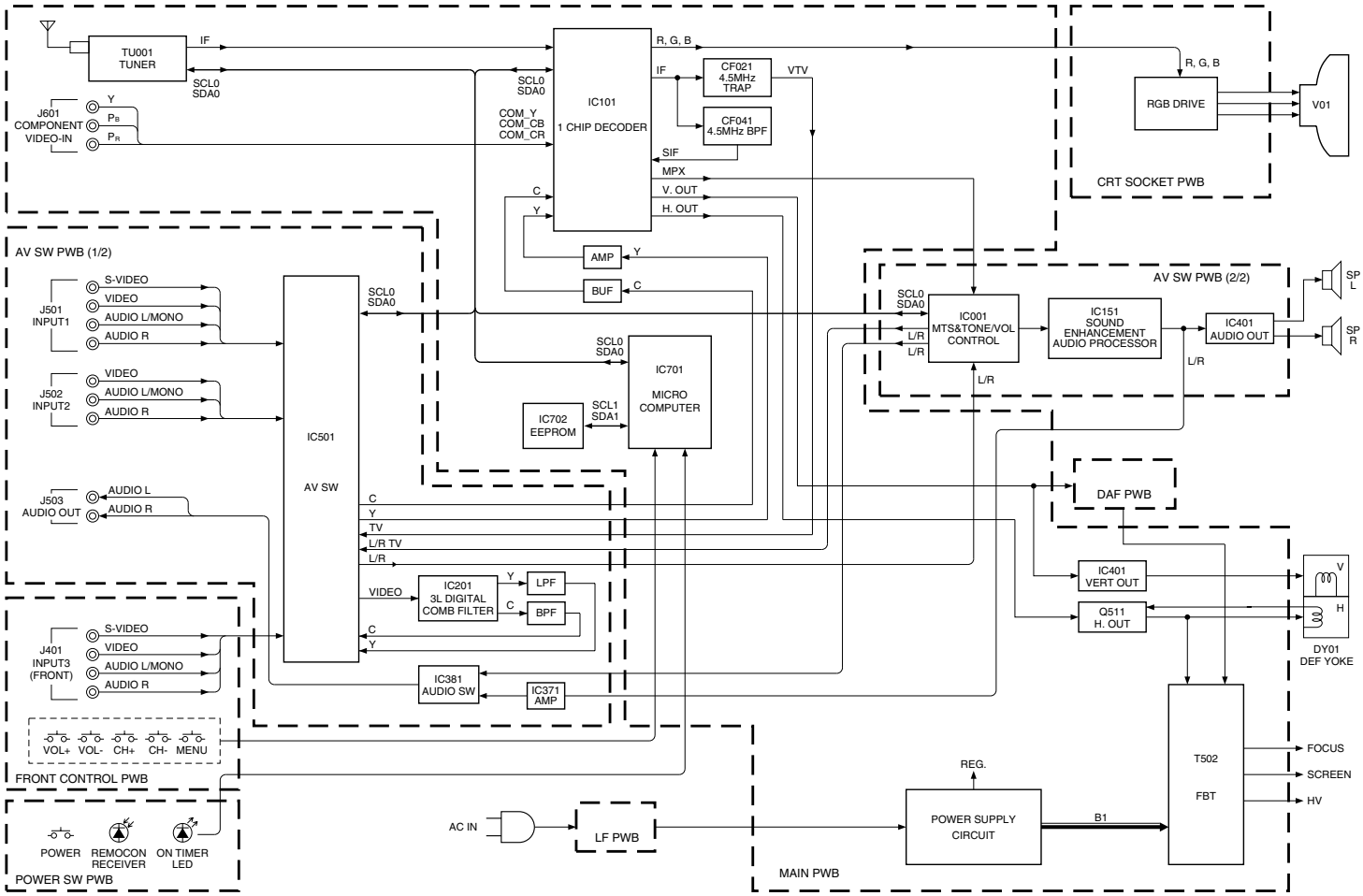
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

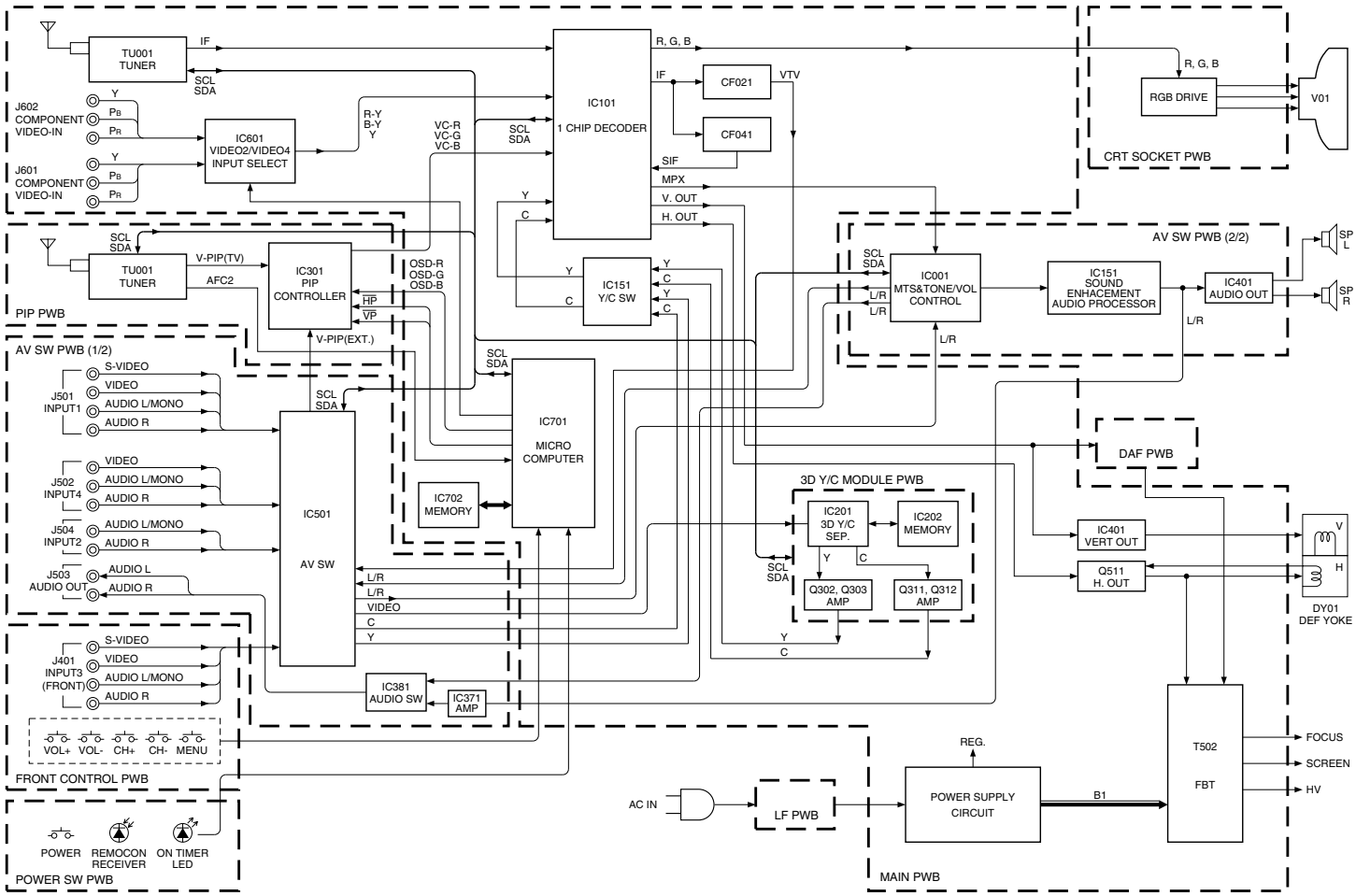
TOP VIEW		
		

BLOCK DIAGRAMS

AV-36F702 BLOCK DIAGRAM

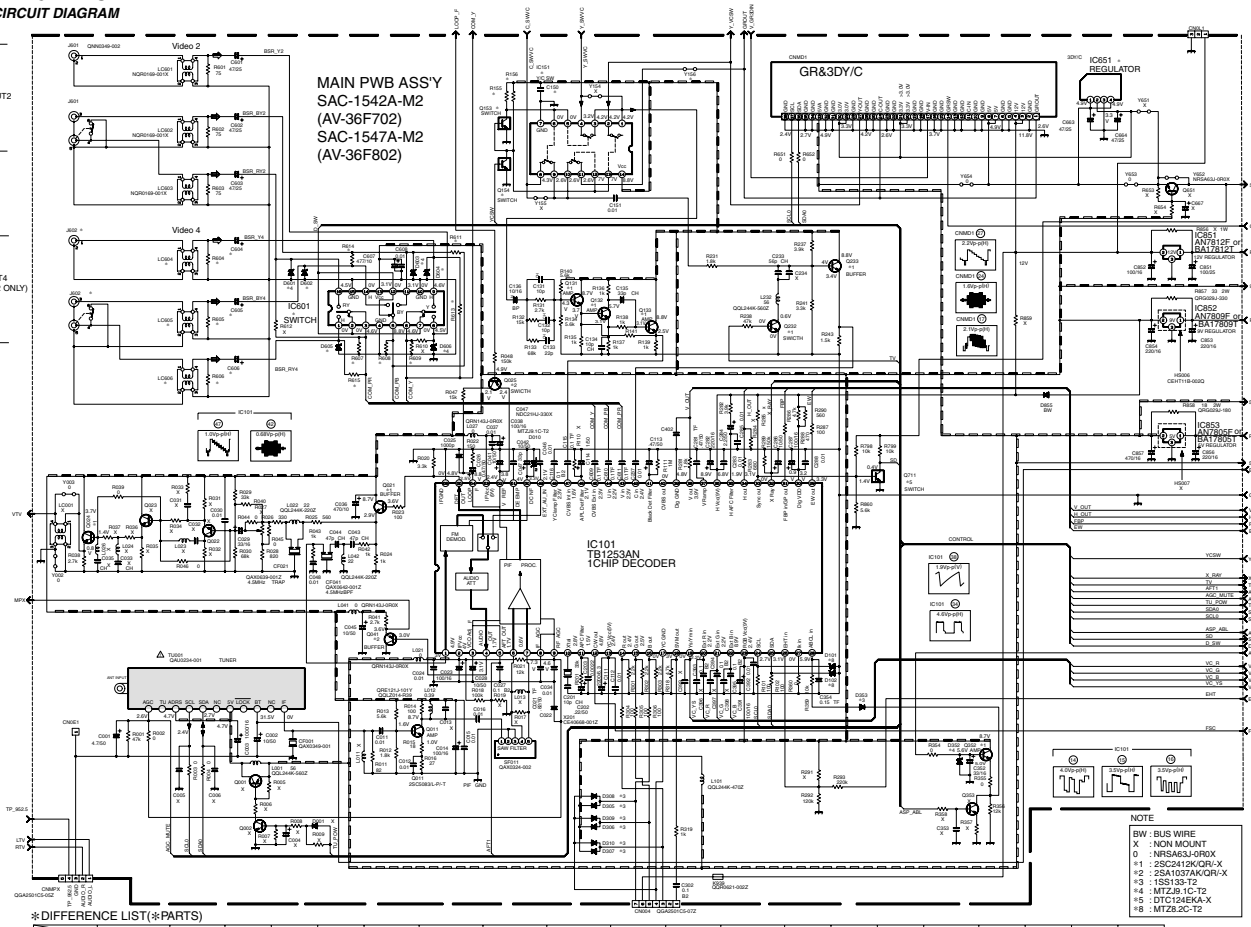


AV-36F802 BLOCK DIAGRAM



CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM

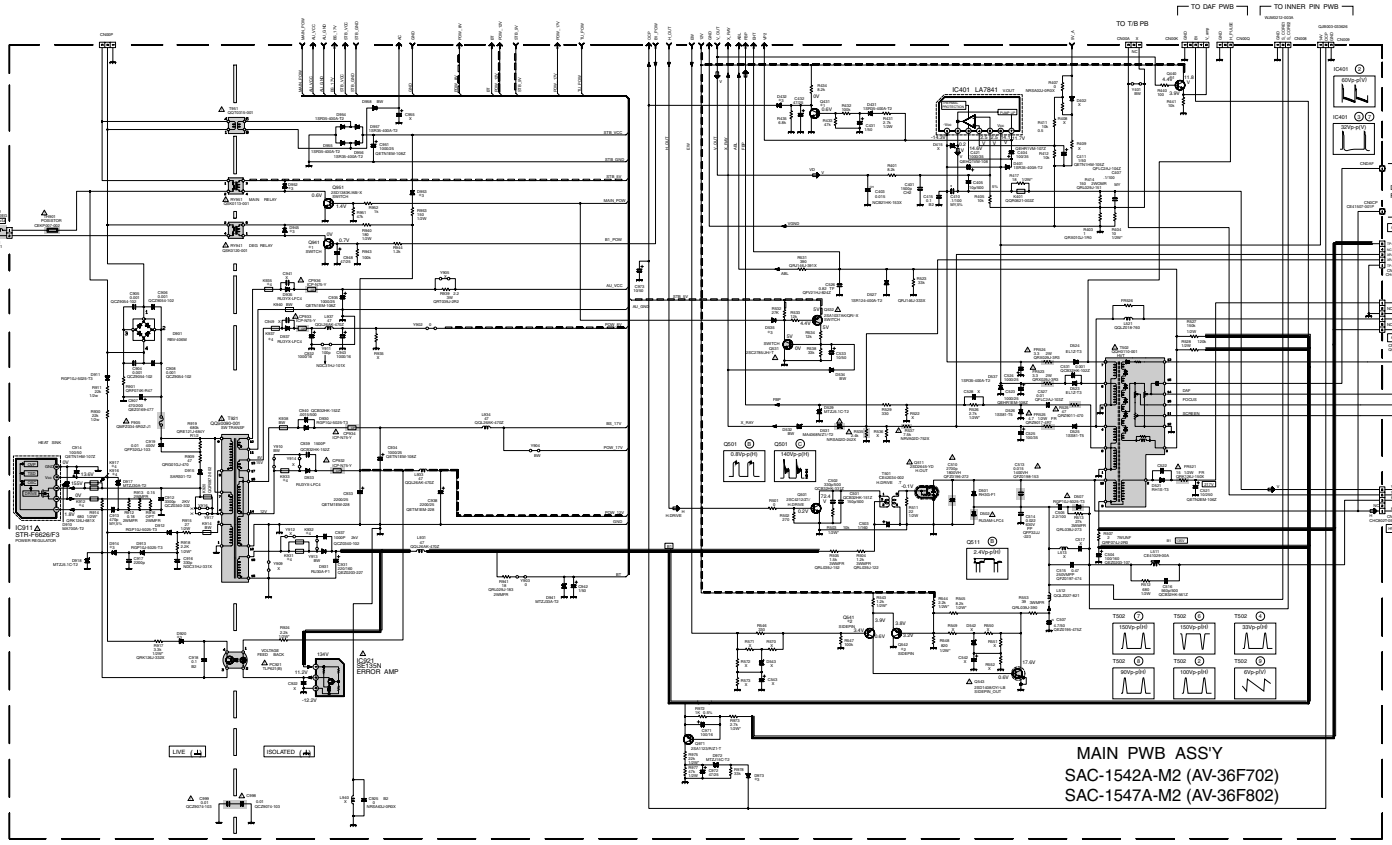


∗DIFFERENCE LIST(∗PARTS)

	IC151	IC601	IC651	D602	D604	D605	LC604	LC605	LC606	Q153	Q154	TU001	R155	R156	R604	R605	R606	R607	R608	R609
SAC-1542A-M2	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	QAU0176-001	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
SAC-1547A-M2	TC4066BF/N/-XE	M52055FP-X	PQ3RD13	*4	*4	*4	NQR0169-001X	NQR0169-001X	NQR0169-001X	*5	*5	QAU0234-001	22kΩ	5.6kΩ	75Ω	75kΩ	75Ω	3.3kΩ	3.3kΩ	3.3kΩ

	R610	R611	R612	R651	R652	R857	R858	C150	C604	C605	C606	C607	C608	C663	C664	J602	Y154	Y155	Y156
SAC-1542A-M2	220Ω	220Ω	220Ω	NOT USED	NOT USED	QRG029J-470	QRG029J-270	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	0	0	NOT USED
SAC-1547A-M2	NOT USED	NOT USED	NOT USED	0	0	QRG029J-330	QRG029J-180	NCF21CZ-105X	47µF/25V	47µF/25V	47µF/25V	470µF/10V	0.01µF	47µF/25V	47µF/25V	QNN0349-002	NOT USED	NOT USED	0

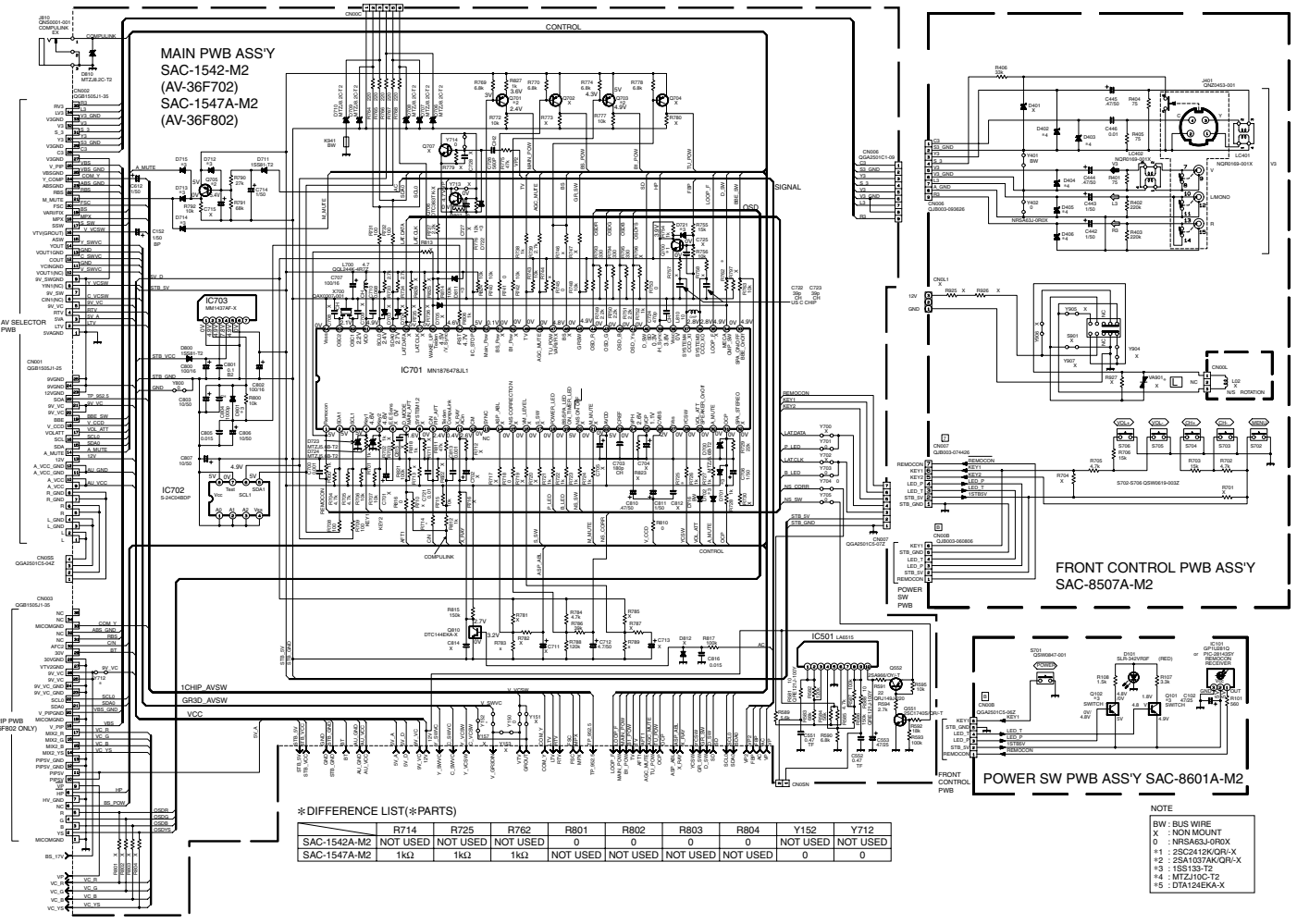
MAIN PWB CIRCUIT DIAGRAM



NOTE

BW : BUS WIRE
X : NON MOUNT
0 : NRSA63J-OR0X
*1 : 2SC2412K/QR/-X
*2 : 2SA1037AK/QR/-X
*3 : 1SS133-T2
*4 : QQR0582-001Z

MAIN, FRONT CONTROL AND POWER SW PWB CIRCUIT DIAGRAMS



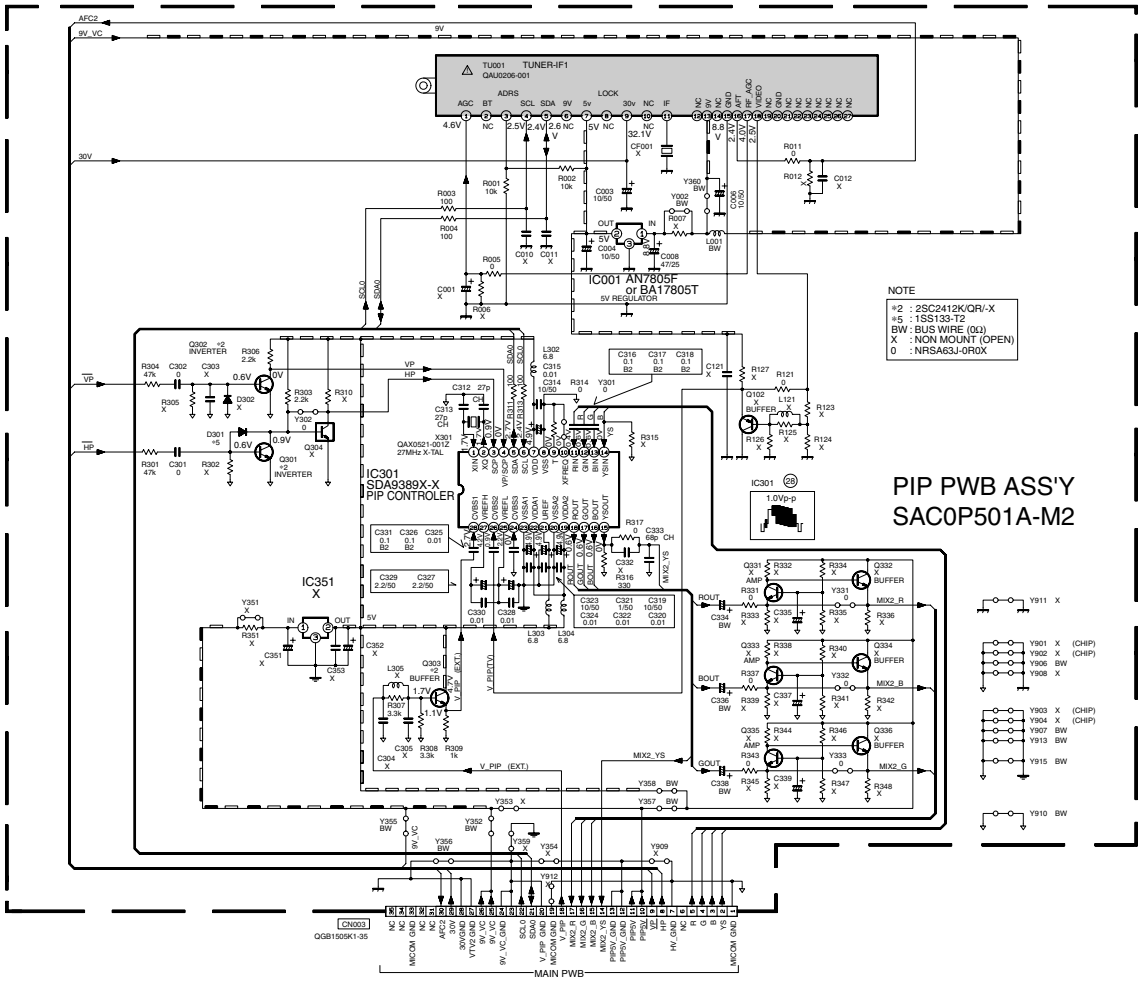
∗DIFFERENCE LIST(∗PARTS)

	R714	R725	R762	R801	R802	R803	R804	Y152	Y712
SAC-1542A-M2	NOT USED	NOT USED	NOT USED	0	0	0	0	NOT USED	NOT USED
SAC-1547A-M2	1kΩ	1kΩ	1kΩ	NOT USED	NOT USED	NOT USED	NOT USED	0	0

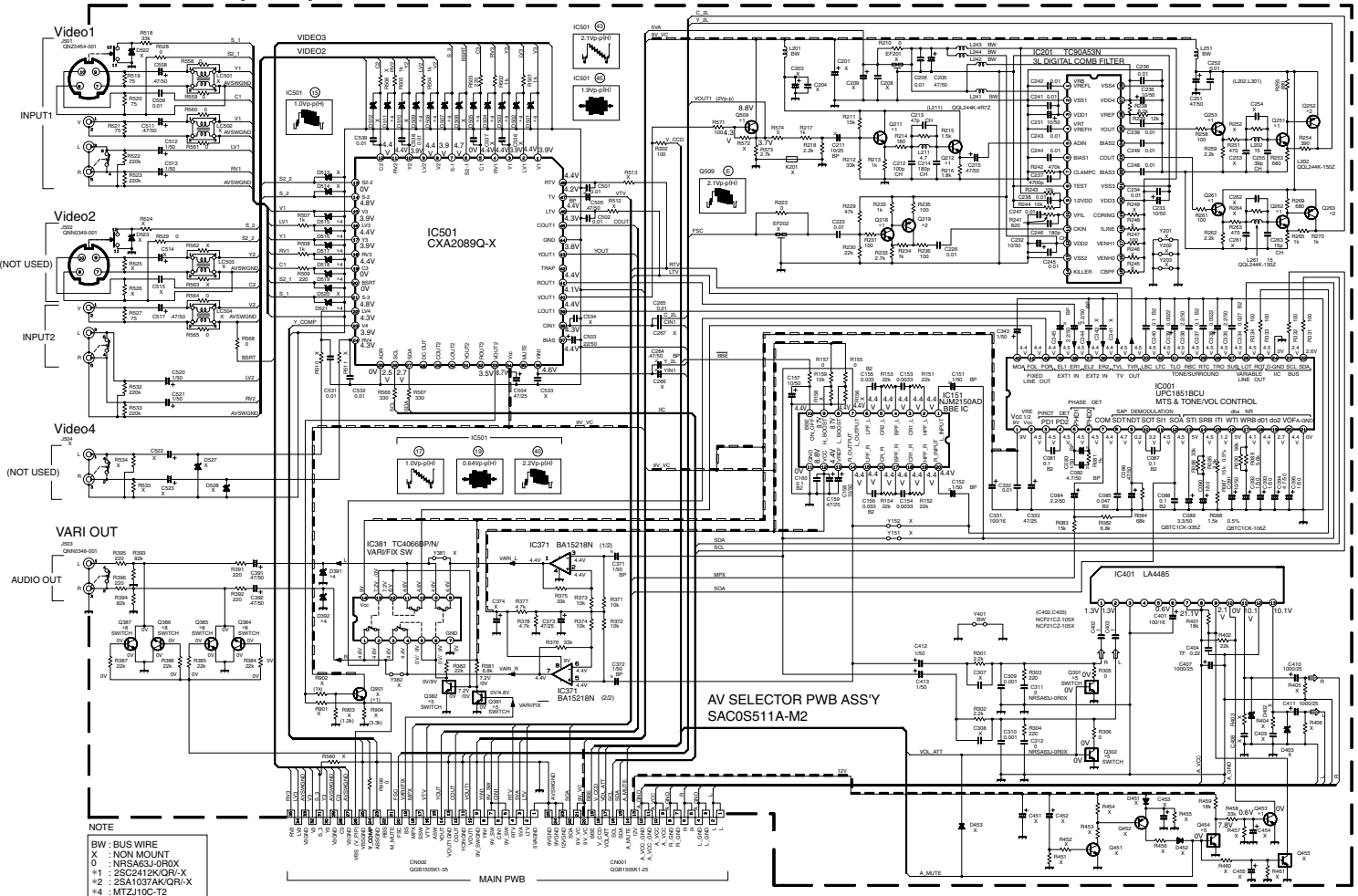
NOTE

BW : BUS WIRE
X : NON MOUNT
0 : NRSA63J-0R0X
∗1 : 2SC2412K/QR/-X
∗2 : 2SA1037AK/QR/-X
∗3 : 1SS133-T2
∗4 : MTZJ10C-T2
∗5 : DTA124EKA-X

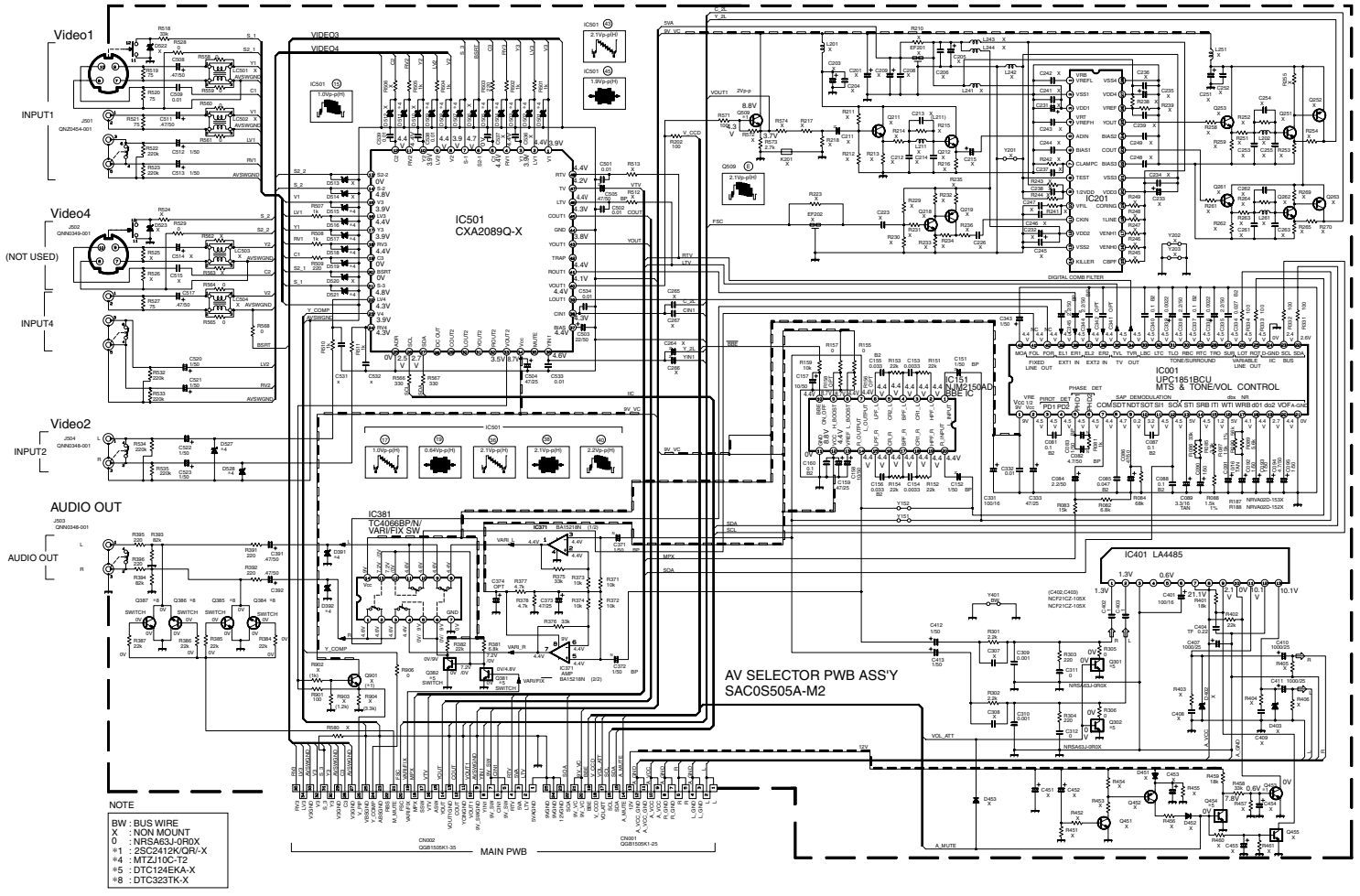
PIP PWB CIRCUIT DIAGRAM [AV-36F802]



AV SELECTOR PWB CIRCUIT DIAGRAM [AV-36F702]

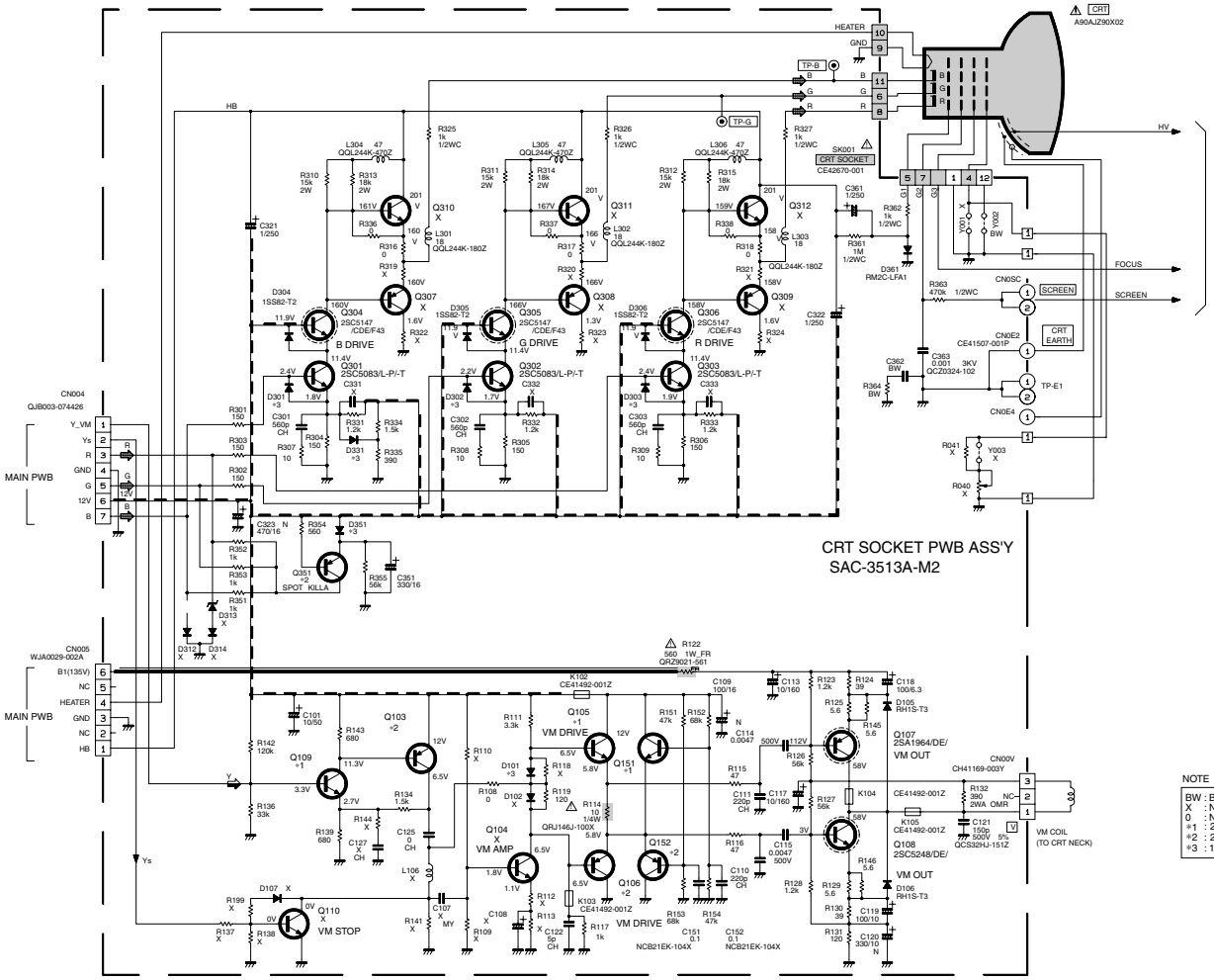


AV SELECTOR PWB CIRCUIT DIAGRAM [AV-36F802]



AV-36F702
AV-36F802

CRT SOCKET PWB CIRCUIT DIAGRAM

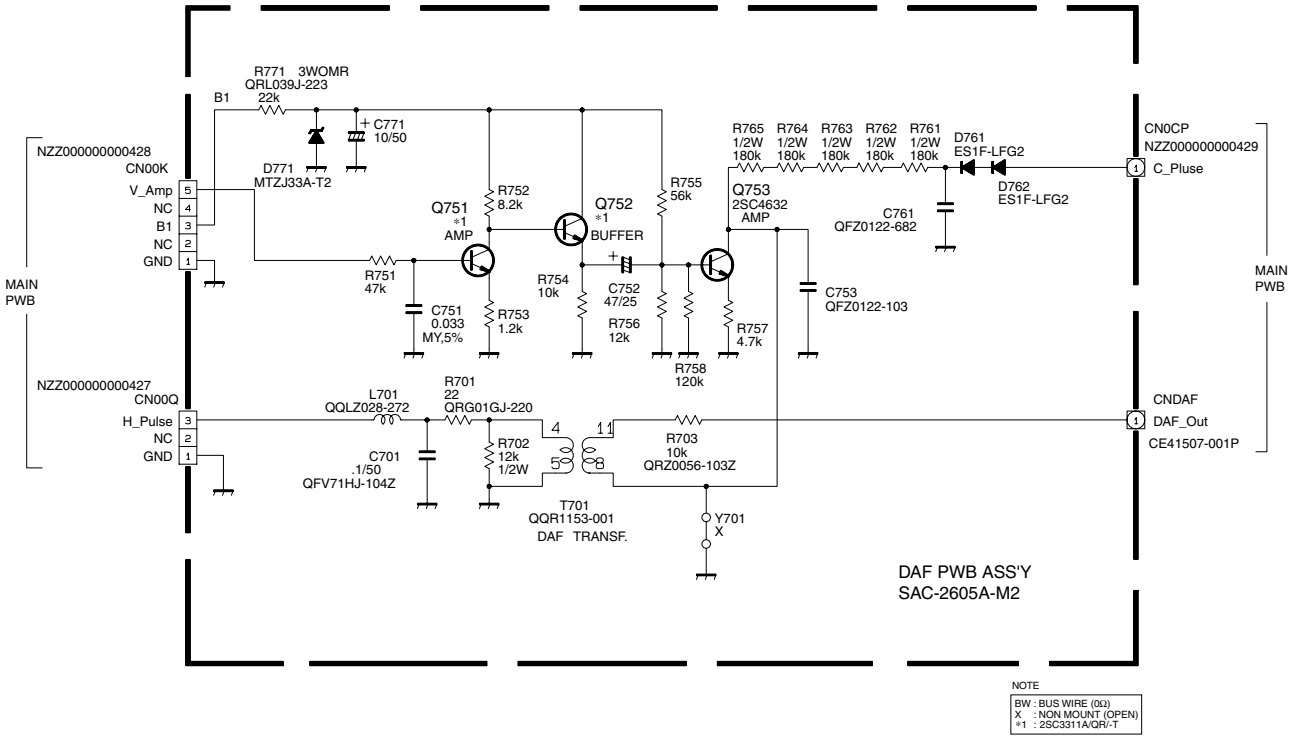


NOTE

BW : BUS WIRE (0Ω)
X : NON MOUNT (OPEN)
0 : NRSA63J-0R0X
∗1 : 2SC1740S/QR/-T
∗2 : 2SA933AS/QR/-T
∗3 : 1SS133-T2

AV-36F702
AV-36F802

DAF PWB CIRCUIT DIAGRAM

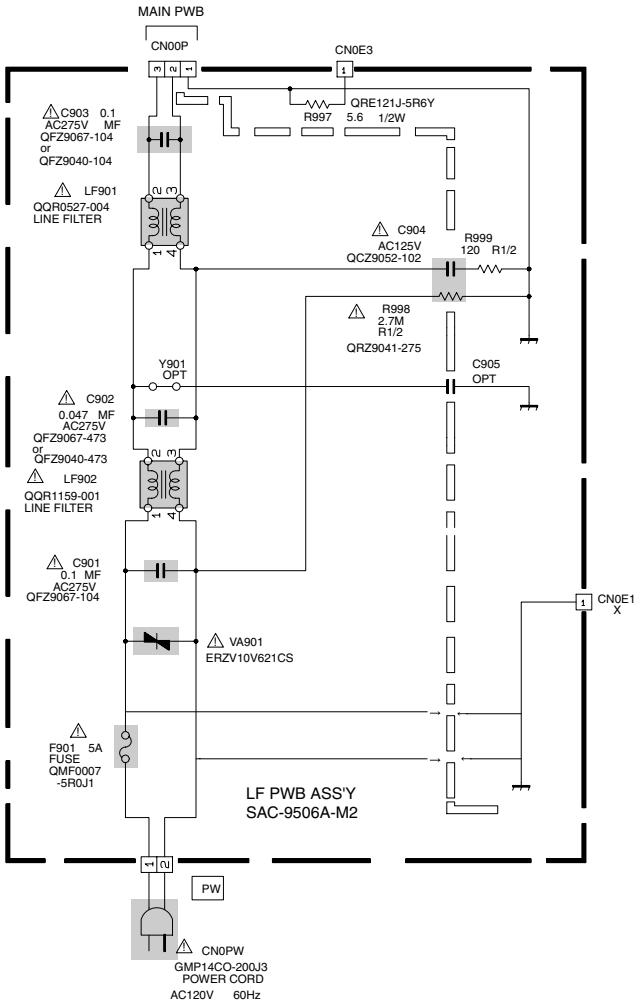


NOTE

BW : BUS WIRE (0Ω)
X : NON MOUNT (OPEN)
*1 : 2SC3311A/QR/-T

AV-36F702
AV-36F802

LF PWB CIRCUIT DIAGRAM

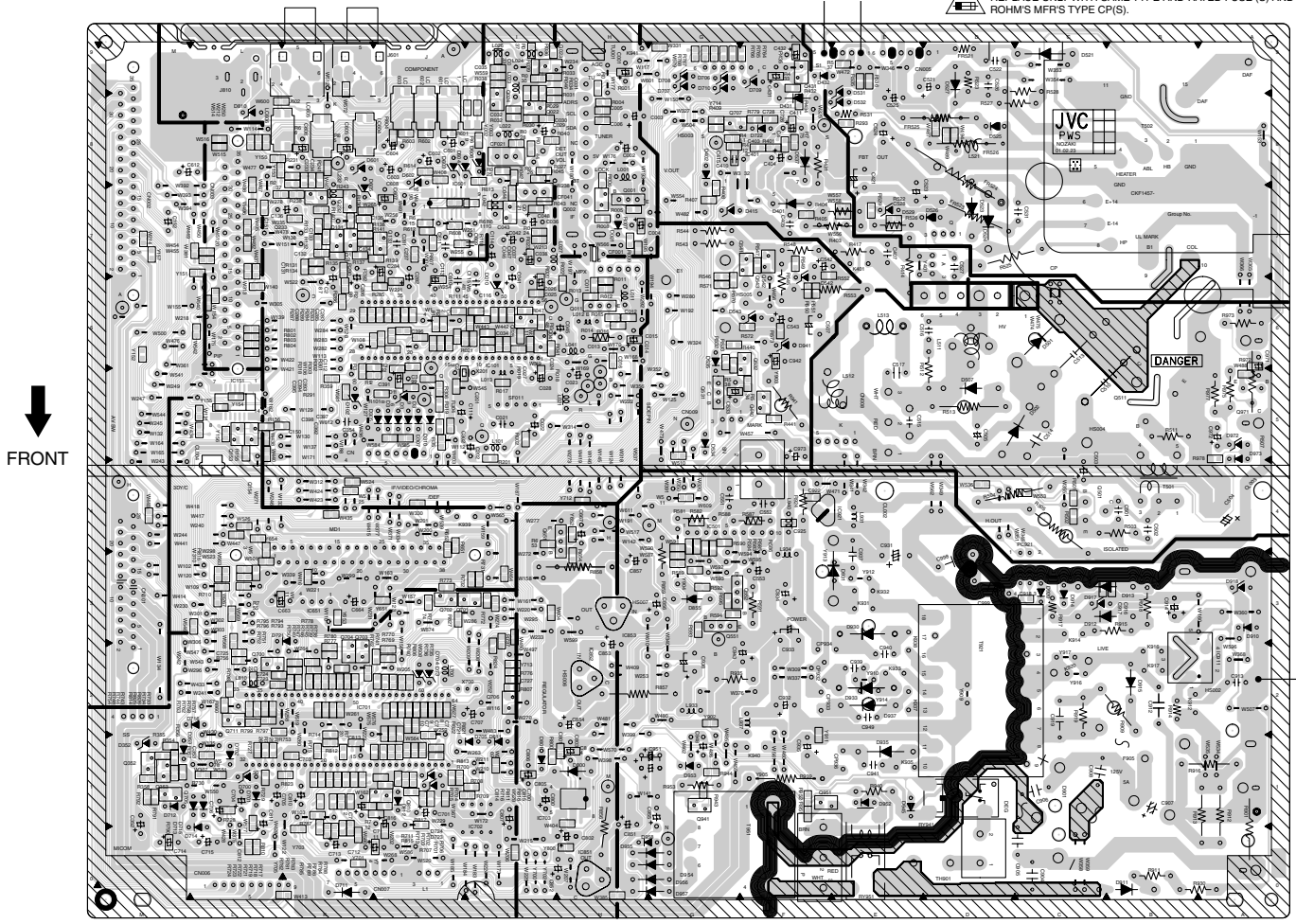


PATTERN DIAGRAMS

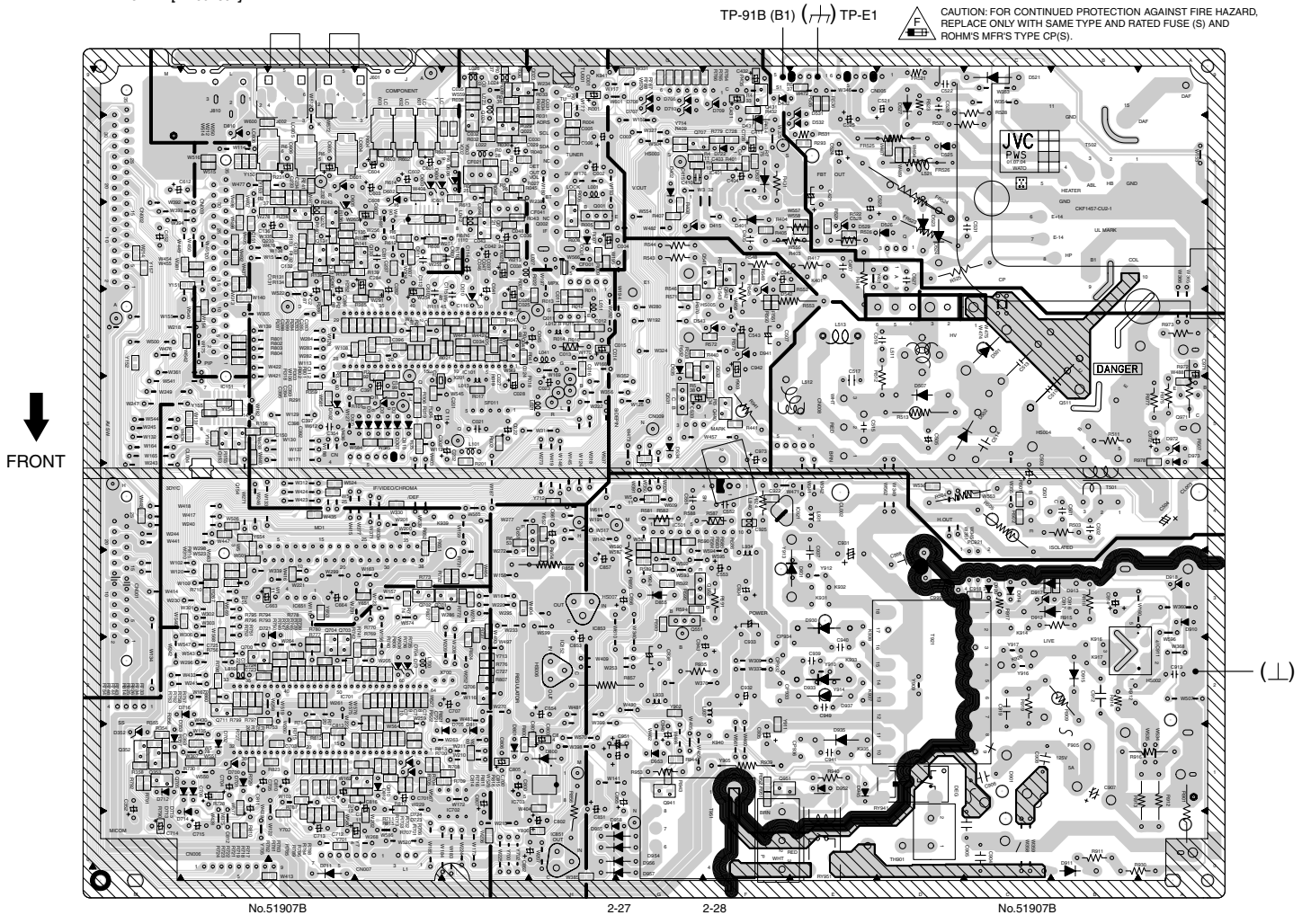
MAIN PWB PATTERN DIAGRAM [AV-36F702]

TP-91B (B1) TP-E1

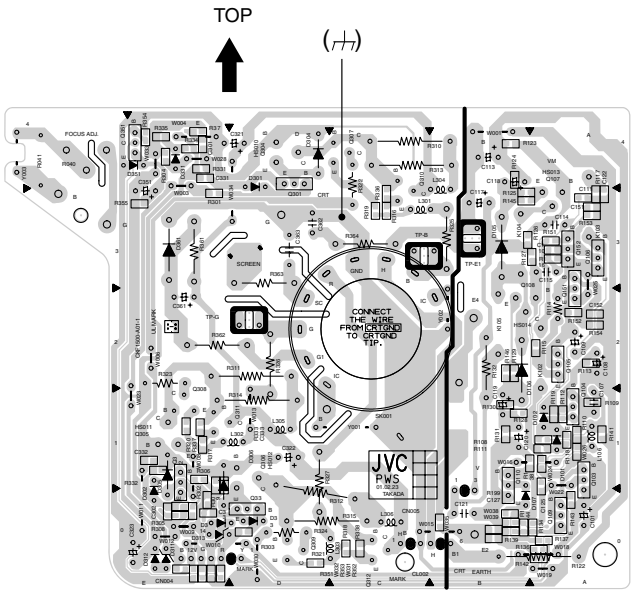
CAUTION: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATED FUSE (S) AND ROHM'S MFR'S TYPE CP(S).



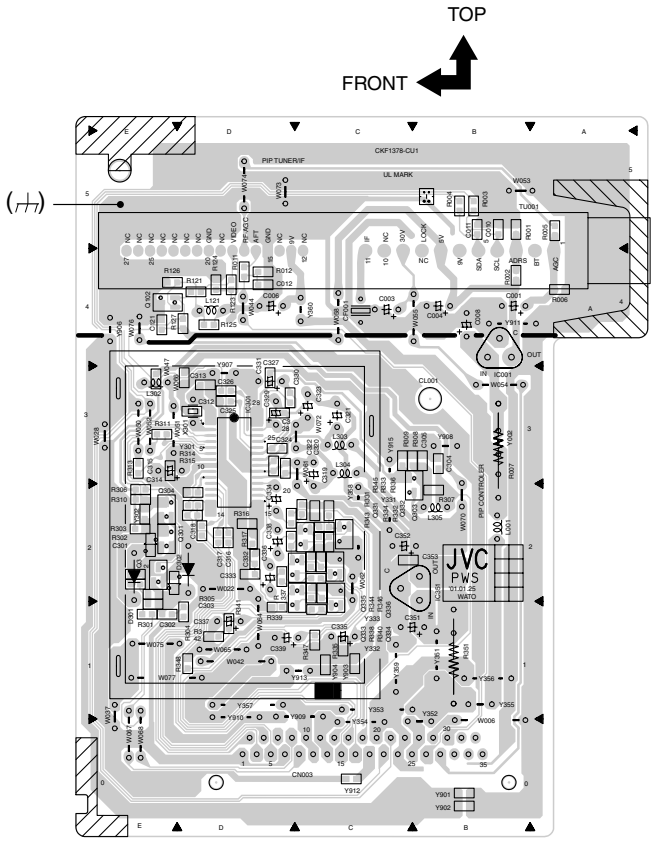
MAIN PWB PATTERN DIAGRAM [AV-36F802]



CRT SOCKET PWB PATTERN DIAGRAM

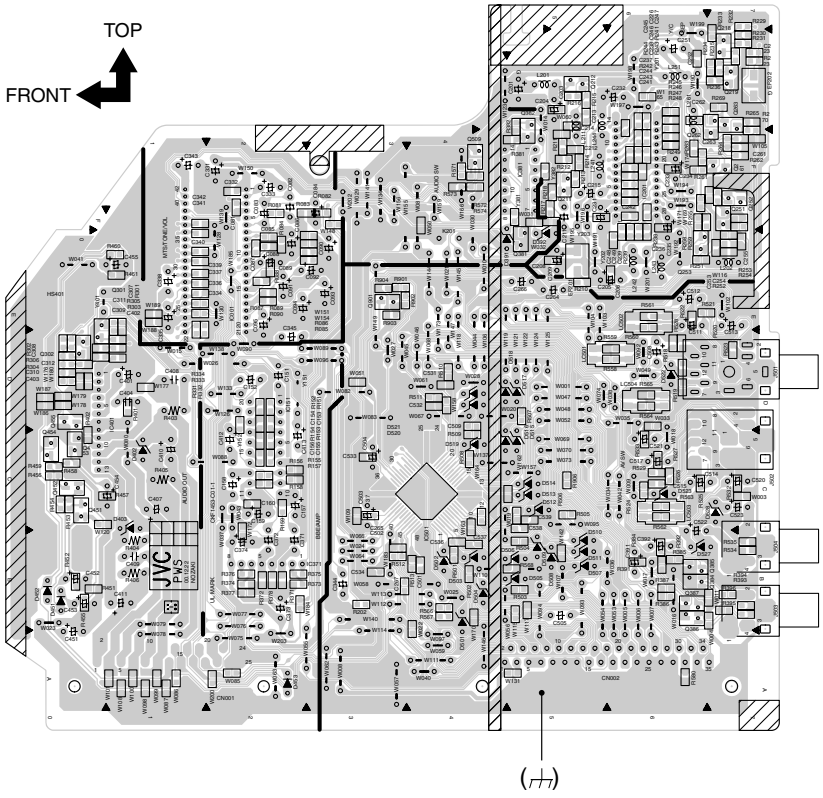


PIP PWB PATTERN DIAGRAM [AV-36F802]

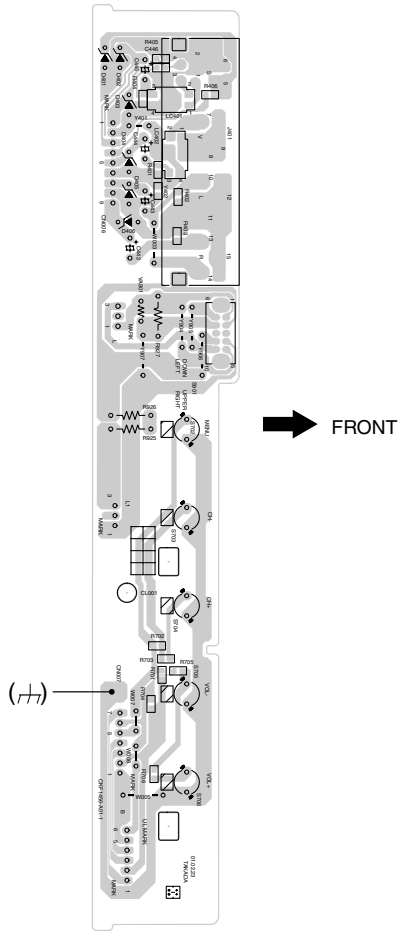


AV-36F702
AV-36F802

AV SELECTOR PWB PATTERN DIAGRAM



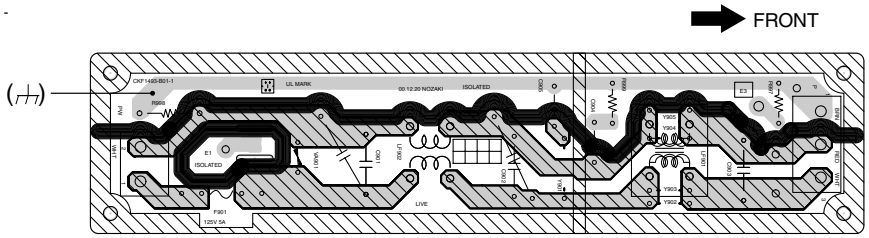
FRONT CONTROL PWB PATTERN DIAGRAM



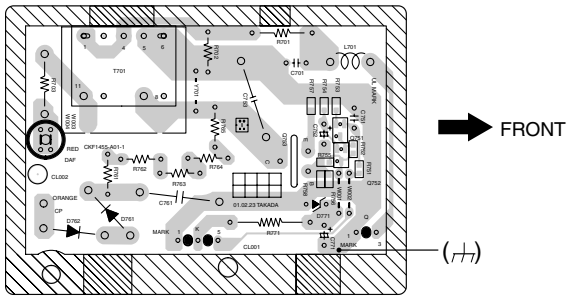
AV-36F702
AV-36F802

LF, DAF AND POWER SW PWB PATTERN DIAGRAMS

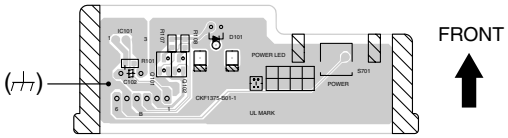
- LF -



- DAF -



- POWER SW -



CHANNEL CHART (US

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	I
			B	15	
			C	16	II
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	IV
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
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			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
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			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	
			A-2	98	
			A-1	99	
○	×	UHF	14 ≀ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	III
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	IV
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	II
			A-2	98	
			A-1	99	
○	×	UHF	14 ≀ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

JVC SERVICE & ENGINEERING COMPANY OF AMERICA

DIVISION OF JVC AMERICAS CORP.

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JVC®

36F702Y-UCM #4
36F802Y-UCM #4

Printed in Japan
VP0112
SW

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety .
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied .

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% 0%

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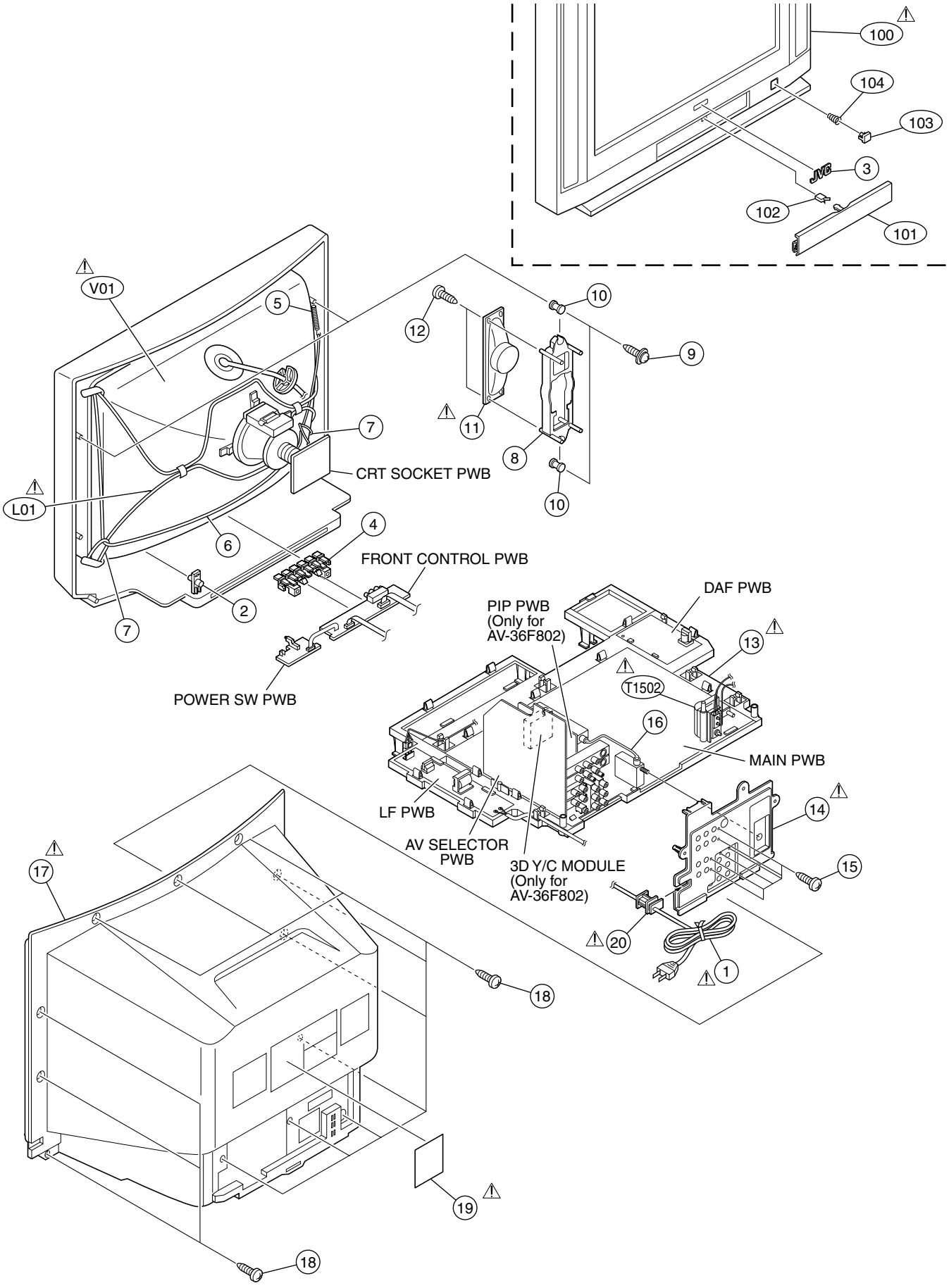
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y \ Model	AV-36F702	AV-36F802
MAIN PW BOARD	SAC-1542A-M2	SAC-1547A-M2
DAF PW BOARD	SAC-2605A-M2	←
CRT SOCKET PW BOARD	SAC-3513A-M2	←
FRONT CONTROL PW BOARD	SAC-8507A-M2	←
POWER SW PW BOARD	SAC-8601A-M2	←
LF PW BOARD	SAC-9506A-M2	←
PIP PW BOARD	—	SAC0P501A-M2
AV SELECTOR PW BOARD	SAC0S511A-M2	SAC0S505A-M2
3D Y/C MODULE PW BOARD	—	SAC-0Y501A
REMOTE CONTROL UNIT	RM-C303G-1A	RM-C301G-2A

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	L01	QQW0122-001	DEG COIL		
⚠	T1502	QQH0110-001	FBT	Within MAIN PWB	
⚠	V01	A90AJZ90X02	CRT	Inc. DY	
⚠	1	QMPD200-200-JC	POWER CORD	CN90PW Within LF PWB	
	2	LC30191-003A-A	REMOCON WINDOW		
	3	LC41193-001A-C	JVC MARK		
	4	LC20217-004B-A	CONTROL KNOB		
	5	A48457-4-S	SPRING		
	6	WJY0016-003A	BRAIDED WIRE		
	7	WJY0013-002A	BRAIDED WIRE(SUB)	(x2)	
	8	LC20629-001B-A	S.P HOLDER	(x2)	
	9	LC41029-001A-A	TAPPING SCREW	(x4)	
	10	LC40226-002A-A	SPACER	(x4)	
⚠	11	CEBSS12D-04KJ2	SPEAKER	(x2) SP01, SP02	
	12	QYSBSB4012Z	TAPPING SCREW	(x4)	
⚠	13	LC10883-001C-A	CHASSIS BASE		
⚠	14	LC20626-002C-A	TERMINAL BOARD	(AV-36F702)	
⚠	14	LC20626-001D-A	TERMINAL BOARD	(AV-36F802)	
	15	QYSBSB3010Z	TAPPING SCREW	(x4) [AV-36F702], (x6) [AV-36F802]	
	16	CHGY0031-0C	ANT CABLE ASSY	(Only for AV-36F802)	
⚠	17	LC11155-001C-A	REAR COVER		
	18	QYSBSFG4016Z	TAPPING SCREW	(x12)	
⚠	19	GQ30032-001A-A	RATING LABEL		
⚠	20	LC20106-001D-A	CORD CLAMP		
⚠	100	LC11153-001C-A	FRONT CABI ASSY	Inc. No. 101-104	
	101	LC20628-001B-A	DOOR		
	102	CM48229-00A-C	DOOR LATCH		
	103	LC31237-001A-A	POWER KNOB		
	104	CM36481-002A-A	SPRING		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST(AV-36F702)

MAIN PW BOARD ASS'Y(SAC-1542A-M2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	R1001	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1002-04	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1011	NRSA63J-820X	MG R	82Ω 1/16W	J
	R1012	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R1013	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1014	QRE121J-101Y	C R	100Ω 1/2W	J
	R1015	NRSA63J-180X	MG R	18Ω 1/16W	J
	R1016	NRSA63J-270X	MG R	27Ω 1/16W	J
	R1018	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1020	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R1021	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R1022	NRSA63J-151X	MG R	150Ω 1/16W	J
	R1023	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1024	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1025	NRSA63J-561X	MG R	560Ω 1/16W	J
	R1026	NRSA63J-331X	MG R	330Ω 1/16W	J
	R1028	NRSA63J-821X	MG R	820Ω 1/16W	J
	R1029	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R1030	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1038	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1039	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1041	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1042-43	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1044-46	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1047	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R1048	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1101-02	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1111	NRSA63J-105X	MG R	1MΩ 1/16W	J
	R1131	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1132	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R1133	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1134	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1135-39	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1140	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1201	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R1231	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R1237	NRSA63J-392X	MG R	3.9kΩ 1/16W	J
	R1238	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1241	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R1243	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R1281	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R1282	NRSA63J-392X	MG R	3.9kΩ 1/16W	J
	R1283	NRSA63J-681X	MG R	680Ω 1/16W	J
	R1286	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1287	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1288	NRSA02J-471X	MG R	470Ω 1/10W	J
	R1289	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1290	NRSA02J-561X	MG R	560Ω 1/10W	J
	R1292	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R1293	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R1301-03	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R1304-06	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1318	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1319	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1354-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1356	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R1359	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1360	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1401	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R1403	QRX01GJ-1R0	MF R	1.0Ω 1W	J
	R1404	QRE121J-100Y	MF R	10Ω 1/2W	J
	R1405	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1407	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J
	R1411-12	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1414	QRL029J-151	OM R	150Ω 2W	J
	R1417	QRE121J-180Y	C R	18Ω 1/2W	J
	R1431	QRE121J-272Y	C R	2.7kΩ 1/2W	J
	R1432	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1433	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1434	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R1435	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1440	NRSA63J-101X	MG R	100Ω 1/16W	J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	R1441	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1501	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1502	NRSA63J-271X	MG R	270Ω 1/16W	J
	R1503	QRE121J-103Y	C R	10kΩ 1/2W	J
	R1504	QRL039J-122	OM R	1.2kΩ 3W	J
	R1505	QRL039J-152	OM R	1.5kΩ 3W	J
	R1507	QRF074J-2R0	UNF R	2.0Ω 7W	J
	R1511	QRE121J-220Y	C R	22Ω 1/2W	J
	R1512	QRE121J-681Y	C R	680Ω 1/2W	J
	R1513	QRL039J-273	OM R	27kΩ 3W	J
	R1515	QRE141J-0R0Y	C R	0.0Ω 1/4W	J
⚠	R1523	QRJ146J-333X	C R	33kΩ 1/4W	J
⚠	R1525	QRZ9011-470	F R	47Ω 1/2W	J
	R1526	QRE121J-272Y	C R	2.7kΩ 1/2W	J
	R1527	QRE121J-154Y	C R	150kΩ 1/2W	J
	R1528	QRE121J-124Y	C R	120kΩ 1/2W	J
	R1529	NRSA63J-331X	MG R	330Ω 1/16W	J
⚠	R1531	QRJ146J-391X	C R	390Ω 1/4W	J
	R1532	NRSA63J-273X	MG R	27kΩ 1/16W	J
	R1533-34	NRSA63J-123X	MG R	12kΩ 1/16W	J
⚠	R1535	NRSA02D-242X	MG R	2.4kΩ 1/10W	
⚠	R1537	NRVA02D-752X	MF R	7.5kΩ 1/10W	
	R1538	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R1543	QRE121J-122Y	C R	1.2kΩ 1/2W	J
	R1544	QRE121J-222Y	C R	2.2kΩ 1/2W	J
	R1545	QRE121J-822Y	C R	8.2kΩ 1/2W	J
	R1546	NRSA63J-331X	MG R	330Ω 1/16W	J
	R1547	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1548	QRE121J-821Y	C R	820Ω 1/2W	J
	R1553	QRL039J-390	OM R	39Ω 3W	J
	R1581	QRE121J-100Y	MF R	10Ω 1/2W	J
	R1582	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R1583	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1584	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R1585	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1586	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1587	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1588	QRE121J-100Y	MF R	10Ω 1/2W	J
	R1589	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1590	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1591	QRJ149J-220	C R	22Ω 1/4W	J
	R1592	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R1593	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1594	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1595	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1601-03	NRSA63J-750X	MG R	75Ω 1/16W	J
	R1610-12	NRSA63J-221X	MG R	220Ω 1/16W	J
	R1700-02	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1704-05	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1706-07	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1708-09	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1715	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1718	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1721-24	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1726-28	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1729	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R1731-32	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1733-34	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1737	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R1738	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1739	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1740	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1741	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1742-43	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1745	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1748	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1749-51	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R1752	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1753	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1754	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1755	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R1756	NRSA63J-103X	MG R	10kΩ 1/16W	J

⚠	Symbol No.	Part No.	Part Name	Description	Local
	RESISTOR				
	R1763	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1764-68	NRSA63J-221X	MG R	220Ω 1/16W	J
	R1769-70	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1772	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1774	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1775	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1776	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R1777	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1778	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1784	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1786	NRSA63J-393X	MG R	39kΩ 1/16W	J
	R1788	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R1790	NRSA63J-273X	MG R	27kΩ 1/16W	J
	R1791	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1792	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1793-95	NRSA63J-331X	MG R	330Ω 1/16W	J
	R1798-99	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1800	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1801-04	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1806	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1807	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1810	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1811	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1812	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1814	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1815	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1816	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1817	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1818	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1821	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1824	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1827	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1857	QRG029J-470	OM R	47Ω 2W	J
	R1858	QRG029J-270	OM R	27Ω 2W	J
	R1860	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1901	QRF074K-R47	UNF R	0.47Ω 7W	K
	R1909	QRG01GJ-470	OM R	47Ω 1W	J
	R1911	QRE121J-223Y	C R	22kΩ 1/2W	J
	R1912	QRT029J-R18	MF R	0.18Ω 2W	J
	R1913	QRT029J-R15	MF R	0.15Ω 2W	J
⚠	R1914	QRK126J-681X	C R	680Ω 1/2W	J
	R1915	QRE121J-270Y	C R	27Ω 1/2W	J
⚠	R1917	QRK126J-332X	C R	3.3kΩ 1/2W	J
	R1918	QRE121J-222Y	C R	2.2kΩ 1/2W	J
	R1919	QRE121J-684Y	C R	680kΩ 1/2W	J
	R1924	QRE121J-222Y	C R	2.2kΩ 1/2W	J
	R1930	QRE121J-223Y	C R	22kΩ 1/2W	J
	R1939	QRT039J-2R2	MF R	2.2Ω 3W	J
	R1940	QRE121J-181Y	C R	180Ω 1/2W	J
	R1941	QRL029J-183	OM R	18kΩ 2W	J
	R1943	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1944	NRSA63J-122X	MG R	1.2kΩ 1/16W	J
	R1951	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1952	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1953	QRE121J-151Y	C R	150Ω 1/2W	J
	R1972	NRVA02D-102X	MF R	1kΩ 1/10W±0.5%	
	R1973	QRE121J-272Y	C R	2.7kΩ 1/2W	J
	R1975	QRE121J-223Y	C R	22kΩ 1/2W	J
	R1977	QRE121J-473Y	C R	47kΩ 1/2W	J
	R1978	NRSA63J-333X	MG R	33kΩ 1/16W	J
	CAPACITOR				
	C1001	QETN1HM-475Z	E CAP.	4.7µF 50V	M
	C1002	QETN1HM-106Z	E CAP.	10µF 50V	M
	C1003	QETN1CM-108Z	E CAP.	1000µF 16V	M
	C1011-12	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1014	QETN1CM-107Z	E CAP.	100µF 16V	M
	C1015-16	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1021	QFV71HJ-824Z	MF CAP.	0.82µF 50V	J
	C1023	QETN1CM-107Z	E CAP.	100µF 16V	M

⚠	Symbol No.	Part No.	Part Name	Description	Local
	CAPACITOR				
	C1024	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1025	NCB31HK-102X	C CAP.	1000pF 50V	K
	C1026	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C1027	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C1028	QETN1HM-106Z	E CAP.	10µF 50V	M
	C1029	QETN1CM-336Z	E CAP.	33µF 16V	M
	C1030	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1034	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1036	QETN1AM-477Z	E CAP.	470µF 10V	M
	C1037	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1038	QETN1CM-107Z	E CAP.	100µF 16V	M
	C1041-42	QETN1HM-106Z	E CAP.	10µF 50V	M
	C1043-44	NDC31HJ-470X	C CAP.	47pF 50V	J
	C1045	QETN1HM-106Z	E CAP.	10µF 50V	M
	C1046	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1047	NDC21HJ-330X	C CAP.	33pF 50V	J
	C1048	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1111	QETN0JM-228Z	E CAP.	2200µF 6.3V	M
	C1112	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1113	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C1114	QETN1HM-105Z	E CAP.	1µF 50V	M
	C1115	QFV71HJ-104Z	MF CAP.	0.1µF 50V	J
	C1116	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C1131-32	NDC31HJ-100X	C CAP.	10pF 50V	J
	C1133	NDC31HJ-220X	C CAP.	22pF 50V	J
	C1134	NDC31HJ-100X	C CAP.	10pF 50V	J
	C1135	NDC31HJ-330X	C CAP.	33pF 50V	J
	C1136	QENC1CM-106Z	E CAP.	10µF 16V	M
	C1151	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1152	QENC1HM-105Z	E CAP.	1µF 50V	M
	C1201	NDC31HJ-100X	C CAP.	10pF 50V	J
	C1202	QETN1HM-224Z	E CAP.	0.22µF 50V	M
	C1203	NCB31HK-222X	C CAP.	2200pF 50V	K
	C1233	NDC31HJ-560X	C CAP.	56pF 50V	J
	C1237	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1281	QFV71HJ-474Z	MF CAP.	0.47µF 50V	J
	C1282	QETN1CM-227Z	E CAP.	220µF 16V	M
	C1283	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1284	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C1285	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1286	QETN1HM-106Z	E CAP.	10µF 50V	M
	C1287	QETN1CM-107Z	E CAP.	100µF 16V	M
	C1288	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1302	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C1352	QETN1CM-336Z	E CAP.	33µF 16V	M
	C1354	QFV71HJ-154Z	MF CAP.	0.15µF 50V	J
	C1391	QETN1CM-107Z	E CAP.	100µF 16V	M
	C1392	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C1393-95	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C1401	NDC21HJ-152X	C CAP.	1500pF 50V	J
	C1403	NCB21HK-153X	C CAP.	0.015µF 50V	K
	C1404	QEHR1VM-107Z	E CAP.	100µF 35V	M
	C1405	QCS32HJ-100Z	CH C CAP.	10µF 500V	J
	C1407	QFLC2AJ-104Z	M CAP.	0.1µF 100V	J
	C1410	QFLC2AJ-104Z	M CAP.	0.1µF 100V	J
	C1411	QETN1HM-105Z	E CAP.	1µF 50V	M
	C1415	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C1421	QEHQ1VM-108	E CAP.	1000µF 35V	M
	C1431	QETN1HM-105Z	E CAP.	1µF 50V	M
	C1432	QETN1EM-476Z	E CAP.	47µF 25V	M
	C1501	QCB32HK-151Z	C CAP.	150pF 500V	K
	C1502	QCB32HK-331Z	C CAP.	330pF 500V	K
	C1503	QETN2CM-105Z	E CAP.	1µF 160V	M
	C1504	QEZ0203-107	E CAP.	100µF 160V	M
	C1505	QENC2AM-225Z	E CAP.	2.2µF 100V	M
	C1507	QEZ0195-475Z	E CAP.	4.7µF 50V	M
	C1510	QFZ0196-272	MPP CAP.	2700pF 1.5kVH	±3%
	C1513	QFZ0198-153	MPP CAP.	0.015µF 1.5kVH	±3%
	C1514	QFP32JJ-223	PP CAP.	0.022µF 630V	J
	C1515	QFZ0197-474	MPP CAP.	0.47µF 250V	Z
	C1516	QCB32HK-561Z	C CAP.	560pF 500V	K
	C1521	QETN2EM-106Z	E CAP.	10µF 250V	M

⚠	Symbol No.	Part No.	Part Name	Description			Local
	CAPACITOR						
	C1523	QEHR1EM-108Z	E CAP.	1000µF	25V	M	
	C1524	QETN1EM-108Z	E CAP.	1000µF	25V	M	
	C1525	QETN1VM-107Z	E CAP.	100µF	35V	M	
	C1526	QFV21HJ-824Z	MF CAP.	0.82µF	50V	J	
	C1527	QFLC2AJ-103Z	M CAP.	0.01µF	100V	J	
⚠	C1531	QCB32HK-102Z	C CAP.	1000pF	500V	K	
⚠	C1533	QETN1HM-106Z	E CAP.	10µF	50V	M	
	C1551-52	QFV71HJ-474Z	MF CAP.	0.47µF	50V	J	
	C1553	QETN1EM-476Z	E CAP.	47µF	25V	M	
	C1601-03	QETN1EM-476Z	E CAP.	47µF	25V	M	
	C1609-11	QFV71HJ-104Z	MF CAP.	0.1µF	50V	J	
	C1612	QETN1HM-105Z	E CAP.	1µF	50V	M	
	C1700	NCB31HK-102X	C CAP.	1000pF	50V	K	
	C1703	NDC31HJ-181X	C CAP.	180pF	50V	J	
	C1706	QETN1HM-105Z	E CAP.	1µF	50V	M	
	C1707	QETN1CM-107Z	E CAP.	100µF	16V	M	
	C1710	NCB21EK-683X	C CAP.	0.068µF	25V	K	
	C1712	QETN1HM-475Z	E CAP.	4.7µF	50V	M	
	C1714	QETN1HM-105Z	E CAP.	1µF	50V	M	
	C1721	NCB31HK-103X	C CAP.	0.01µF	50V	K	
	C1722-23	NDC31HJ-390X	C CAP.	39pF	50V	J	
	C1724	NDC31HJ-471X	C CAP.	470pF	50V	J	
	C1726	NDC21HJ-561X	C CAP.	560pF	50V	J	
	C1800	QETN1CM-107Z	E CAP.	100µF	16V	M	
	C1801	NCB21HK-104X	C CAP.	0.1µF	50V	K	
	C1802	QETN1CM-107Z	E CAP.	100µF	16V	M	
	C1803	QETN1HM-106Z	E CAP.	10µF	50V	M	
	C1804	NDC31HJ-102X	C CAP.	1000pF	50V	J	
	C1805	NCB31HK-153X	C CAP.	0.015µF	50V	K	
	C1806-07	QETN1HM-106Z	E CAP.	10µF	50V	M	
	C1810	QETN1HM-474Z	E CAP.	0.47µF	50V	M	
	C1811	QETN1HM-105Z	E CAP.	1µF	50V	M	
	C1813	NCB31HK-102X	C CAP.	1000pF	50V	K	
	C1816	NCB31HK-153X	C CAP.	0.015µF	50V	K	
	C1851	QETN1EM-107Z	E CAP.	100µF	25V	M	
	C1852	QETN1CM-107Z	E CAP.	100µF	16V	M	
	C1853-54	QETN1CM-227Z	E CAP.	220µF	16V	M	
	C1856	QETN1CM-227Z	E CAP.	220µF	16V	M	
	C1857	QETN1CM-477Z	E CAP.	470µF	16V	M	
⚠	C1904-06	QCZ9054-102	C CAP.	1000pF	250V	Z	
⚠	C1907	QEZ0169-477	E CAP.	470µF	200V	M	
⚠	C1908	QCZ9054-102	C CAP.	1000pF	250V	Z	
	C1912	QCZ0340-332	C CAP.	3300pF			
	C1913	QFLC1HJ-471Z	M CAP.	470pF	50V	J	
	C1914	QETN1HM-107Z	E CAP.	100µF	50V	M	
	C1916	NDC31HJ-331X	C CAP.	330pF	50V	J	
	C1917	NCB31HK-222X	C CAP.	2200pF	50V	K	
	C1918	NCB21HK-104X	C CAP.	0.1µF	50V	K	
	C1919	QFP32GJ-103	PP CAP.	0.01µF	400V	J	
	C1925	NRSA63J-0R0X	MG R	0.0Ω	1/16W	J	
	C1931	QEZ0203-227	E CAP.	220µF	160V	M	
	C1932	QETN1CM-108Z	E CAP.	1000µF	16V	M	
	C1933	QETM1EM-228	E CAP.	2200µF	25V	M	
	C1934-35	QETN1EM-108Z	E CAP.	1000µF	25V	M	
	C1937	QCZ0340-102	C CAP.	1000pF			
	C1938	QETM1EM-228	E CAP.	2200µF	25V	M	
	C1939-40	QCB32HK-152Z	C CAP.	1500pF	500V	K	
	C1942	QETN1HM-105Z	E CAP.	1µF	50V	M	
	C1943	QETN1CM-108Z	E CAP.	1000µF	16V	M	
	C1948	QETN1EM-476Z	E CAP.	47µF	25V	M	
	C1951	QETN1EM-108Z	E CAP.	1000µF	25V	M	
	C1971	QETN1CM-107Z	E CAP.	100µF	16V	M	
	C1972	QETN1EM-476Z	E CAP.	47µF	25V	M	
	C1973	QETN1HM-106Z	E CAP.	10µF	50V	M	
⚠	C1998-99	QCZ9074-103	C CAP.	0.01µF	125V	M	

⚠	Symbol No.	Part No.	Part Name
	TRANSFORMER		
	T1501	CE42034-002	H.DRIVE TRANSF.
⚠	T1502	QQH0110-001	FBT
⚠	T1921	QQS0090-001	SWITCH.TRANSF.
⚠	T1951	QQT0315-001	POWER TRANSF.

⚠	Symbol No.	Part No.	Part Name	Description			Local
	COIL						
	L1001	QQL244K-560Z	COIL	56µH		K	
	L1012	QQLZ014-R39	PEAKING COIL				
	L1021	QRN143J-0R0X	C R	0.0Ω	1/4W	J	
	L1022	QQL244K-220Z	COIL	22µH		K	
	L1027	QRN143J-0R0X	C R	0.0Ω	1/4W	J	
	L1041	QRN143J-0R0X	C R	0.0Ω	1/4W	J	
	L1042	QQL244K-220Z	COIL	22µH		K	
	L1101	QQL244K-470Z	COIL	47µH		K	
	L1232	QQL244K-560Z	COIL	56µH		K	
	L1511	CE41029-00A	LINEARITY COIL				
	L1512	QQLZ027-821	CHOKE COIL	820µH			
	L1521	QQLZ018-760	HEATER CHOKE	76µH			
	L1700	QQL244K-4R7Z	COIL	4.7µH		K	
	L1810	QQL244J-100Z	COIL	10µH		J	
	L1931	QQL26AK-470Z	COIL	47µH		K	
	L1933-34	QQL26AK-470Z	COIL	47µH		K	
	L1937	QQL26AK-470Z	COIL	47µH		K	

⚠	Symbol No.	Part No.	Part Name
	DIODE		
	D1010	MTZJ9.1C-T2	ZENER DIODE
	D1101-02	MTZJ8.2C-T2	ZENER DIODE
	D1305-10	1SS133-T2	SI.DIODE
	D1352	MTZJ9.1C-T2	ZENER DIODE
	D1353	1SS133-T2	SI.DIODE
	D1401	1SR35-400A-T2	SI.DIODE
	D1431	1SR35-400A-T2	SI.DIODE
	D1432	1SS133-T2	SI.DIODE
⚠	D1501	RH3G-F1	SI.DIODE
⚠	D1502	RU3AM-LFC4	SI.DIODE
	D1507	RGP10J-5025-T3	SI.DIODE
	D1521	RH1S-T3	SI.DIODE
	D1523-24	EL1Z-T3	SI.DIODE
	D1525-26	1SS81-T5	SI.DIODE
	D1527	1SR124-400A-T2	SI.DIODE
	D1529	MTZJ5.1C-T2	ZENER DIODE
⚠	D1531	MA4068N/Z1/-T2	ZENER DIODE
	D1535	1SS133-T2	SI.DIODE
	D1537	1SR35-400A-T2	SI.DIODE
	D1601	MTZJ9.1C-T2	ZENER DIODE
	D1603	MTZJ9.1C-T2	ZENER DIODE
	D1606	MTZJ9.1C-T2	ZENER DIODE
	D1700	MTZJ5.6B-T2	ZENER DIODE
	D1701-02	1SS133-T2	SI.DIODE
	D1706-10	MTZJ8.2C-T2	ZENER DIODE
	D1711	1SS81-T2	SI.DIODE
	D1712-15	1SS133-T2	SI.DIODE
	D1721-22	1SS133-T2	SI.DIODE
	D1723-24	MTZJ5.6B-T2	ZENER DIODE
	D1800	1SS81-T2	SI.DIODE
	D1801	1SS133-T2	SI.DIODE
	D1810	MTZJ8.2C-T2	ZENER DIODE
	D1811	1SS133-T2	SI.DIODE
⚠	D1901	RBV-406M	BRIDGE DIODE
	D1910	MA700A-T2	SI.DIODE
⚠	D1911-13	RGP10J-5025-T3	SI.DIODE
	D1914	1SS133-T2	SI.DIODE
	D1915	SARS01-T2	SI.DIODE
	D1917	MTZJ30A-T2	ZENER DIODE
	D1918	MTZJ5.1C-T2	ZENER DIODE
	D1920	1SS133-T2	SI.DIODE
⚠	D1930	RGP10J-5025-T3	SI.DIODE
	D1931	RU30A-F1	SI.DIODE
	D1933	RU3YX-LFC4	SI.DIODE
	D1935	RU3YX-LFC4	SI.DIODE
	D1937	RU3YX-LFC4	SI.DIODE
	D1941	MTZJ33A-T2	ZENER DIODE
	D1945	1SS133-T2	SI.DIODE

⚠	Symbol No.	Part No.	Part Name	Description	Local
	DIODE				
	D1952-53	1SS133-T2	SI.DIODE		
	D1954-57	1SR35-400A-T2	SI.DIODE		
	D1972	MTZJ15C-T2	ZENER DIODE		
	D1973	1SS133-T2	SI.DIODE		
	TRANSISTOR				
	Q1011	2SC5083/L-P/-T	SI.TRANSISTOR		
	Q1021	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1024	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1025	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1041	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1131-33	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1232-33	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1352	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1431	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1440	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1501	2SC4212/Z1/	SI.TRANSISTOR		
⚠	Q1511	2SD2645-YD	TRANSISTOR		
⚠	Q1531	2SC2785/JH/-T	SI.TRANSISTOR		
	Q1532	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1541-42	2SA1037AK/QR/-X	SI.TRANSISTOR		
⚠	Q1543	2SD1408/OY/-LB	SI.TRANSISTOR		
	Q1551	2SC1740S/QR/-T	SI.TRANSISTOR		
	Q1552	2SA966/OY/-T	SI.TRANSISTOR		
	Q1700	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1701	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1703	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1705	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1706	DTC363TK-X	DIGI.TRANSISTOR		
	Q1711	DTC124EKA-X	DIGI.TRANSISTOR		
	Q1810	DTC144EKA-X	DIGI.TRANSISTOR		
	Q1941	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1951	2SD1383K/AB/-X	SI.TRANSISTOR		
	Q1971	2SA1123/R/Z1-T	SI.TRANSISTOR		
	IC				
	IC1101	TB1253AN	I.C(M)		
	IC1401	LA7841	I.C(MONO-ANA)		
	IC1501	LA6515	I.C(MONO-ANA)		
	IC1701	MN1876478JL1	I.C(MICRO-COMP)		
	IC1702	AT24C04-F802Y	I.C(MEMORY-OTH)	(SERVICE)	
	IC1703	MM1437AF-X	I.C(MONO-ANA)		
	IC1851	AN7812F	I.C(MONO-ANA)		
	IC1852	AN7809F	I.C(MONO-ANA)		
	IC1853	AN7805F	I.C(MONO-ANA)		
⚠	IC1911	STR-F6626/F3	I.C(HYBRID)		
⚠	IC1921	SE135N	I.C(HYBRID)		
	OTHERS				
	CF1001	QAX0349-001	CERAMIC FILTER		
	CF1021	QAX0639-001Z	CERAMIC FILTER		
	CF1041	QAX0642-001Z	CERAMIC FILTER		
⚠	CP1932	ICP-N75-Y	I.C.PROTECT		
⚠	CP1933	ICP-N75-Y	I.C.PROTECT		
⚠	CP1934	ICP-N75-Y	I.C.PROTECT		
⚠	CP1936	ICP-N75-Y	I.C.PROTECT		
⚠	F1905	QMFZ034-5R0Z-J1	FUSE		
⚠	FR1521	QRK126J-150X	C R	15Ω 1/2W J	
⚠	FR1523-24	QRX029J-3R3	MF R	3.3Ω 2W J	
⚠	FR1525	QRZ9017-4R7	F R	4.7 Ω1/4W	
	J1601	QNN0349-002	PIN JACK		
	J1810	QNS0001-001	JACK		
	K1401	QQR0621-002Z	BEADS CORE		
	K1912	QQR0582-001Z	BEADS CORE		
	K1916-17	QQR0582-001Z	BEADS CORE		

⚠	Symbol No.	Part No.	Part Name	Description	Local
	OTHERS				
	K1920	QQR0872-002	FERRITE BEADS		
	K1931-33	QQR0582-001Z	BEADS CORE		
	K1935	QQR0582-001Z	BEADS CORE		
	K1937	QQR0582-001Z	BEADS CORE		
	K1939	QQR0621-002Z	BEADS CORE		
	LC1601-03	NQR0169-001X	EMI FILTER		
⚠	PC1921	TLP621(B)	I.C(PH.COUPLER)		
⚠	RY1941	QSK0120-001	RELAY		
⚠	RY1951	QSK0113-001	RELAY		
	SF1011	QAX0324-002	SAW FILTER		
⚠	TH1901	CEKP007-002	P.THERMISTOR		
⚠	TU1001	QAU0176-001	TUNER		
	W1106	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1111	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1113	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1140	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1154	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1162	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1195	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1202	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1206	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1212-14	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1250	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1254-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1265	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1267	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1269	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1274	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1291	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1298	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1310-11	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1313	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1330-31	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1381	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1385	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1404	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1408	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1413	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1434-35	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1437-38	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1440	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1442-43	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1447-48	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1454-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1464	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1478	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1487-89	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1492-96	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1498	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1501	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1508	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1510-11	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1514-16	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1524-28	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1536	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1540	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1542	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1546	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1548-49	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1557-59	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1564	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1567-69	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1572	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1575-79	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1581	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1584-85	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1587	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1590-91	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1604	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1612	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	X1201	CE40668-001Z	CRYSTAL		
	X1700	QAX0307-001	CER.RESONATOR		

⚠	Symbol No.	Part No.	Part Name	Description	Local

OTHERS

	Y1002-03	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1150	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1154-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1652-54	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1701	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1703-05	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1714	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1800	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1902-03	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J

DAF PW BOARD ASS'Y(SAC-2605A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

RESISTOR

	R2701	QRG01GJ-220	OM R	22Ω 1W	J
	R2702	QRE121J-123Y	C R	12kΩ 1/2W	J
	R2703	QRZ0056-103Z	COMP.R	10kΩ 1/2W	K
	R2751	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R2752	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R2753	NRSA63J-122X	MG R	1.2kΩ 1/16W	J
	R2754	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R2755	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R2756	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R2757	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R2758	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R2761-65	QRE121J-184Y	C R	180kΩ 1/2W	J
	R2771	QRL039J-223	OM R	22kΩ 3W	J

CAPACITOR

	C2701	QFV71HJ-104Z	MF CAP.	0.1µF 50V	J
	C2751	QFLC1HJ-333Z	M CAP.	0.033µF 50V	J
	C2752	QETN1EM-476Z	E CAP.	47µF 25V	M
	C2753	QFZ0122-103	MPP CAP.	0.01µF 1.8kVH	±3%
	C2761	QFZ0122-682	MPP CAP.	6800pF 1.8kVH	±3%
	C2771	QETN1HM-106Z	E CAP.	10µF 50V	M

TRANSFORMER

	T2701	QQR1153-001	DEF.TRANSF.		

COIL

	L2701	QQLZ028-272	CHOKE COIL	2.7mH	

DIODE

	D2761-62	ES1F-LFG2	SI.DIODE		
	D2771	MTZJ33A-T2	ZENER DIODE		

TRANSISTOR

	Q2751-52	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q2753	2SC4632	SI.TRANSISTOR		

CRT SOCKET PW BOARD ASS'Y(SAC-3513A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

RESISTOR

	R3108	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R3111	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
⚠	R3114	QRJ146J-100X	C R	10Ω 1/4W	J
	R3115-16	NRSA63J-470X	MG R	47Ω 1/16W	J
	R3117	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R3119	NRSA63J-121X	MG R	120Ω 1/16W	J
⚠	R3122	QRZ9021-561	F R	560Ω 1W	J
	R3123	NRSA63J-122X	MG R	1.2kΩ 1/16W	J
	R3124	NRSA63J-390X	MG R	39Ω 1/16W	J
	R3125	NRSA63J-5R6X	MG R	5.6Ω 1/16W	J
	R3126-27	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R3128	NRSA63J-122X	MG R	1.2kΩ 1/16W	J
	R3129	NRSA63J-5R6X	MG R	5.6Ω 1/16W	J
	R3130	NRSA63J-390X	MG R	39Ω 1/16W	J
	R3131	NRSA63J-121X	MG R	120Ω 1/16W	J
	R3132	QRL029J-391	OM R	390Ω 2W	J
	R3134	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R3136	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R3139	NRSA63J-681X	MG R	680Ω 1/16W	J
	R3142	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R3143	NRSA63J-681X	MG R	680Ω 1/16W	J
	R3145-46	NRSA63J-5R6X	MG R	5.6Ω 1/16W	J
	R3151	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R3152-53	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R3154	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R3301-06	NRSA63J-151X	MG R	150Ω 1/16W	J
	R3307-09	NRSA63J-100X	MG R	10Ω 1/16W	J
	R3310-12	QRG029J-153	OM R	15kΩ 2W	J
	R3313-15	QRG029J-183	OM R	18kΩ 2W	J
	R3316-18	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R3325-27	QRC121K-102Z	COMP. R	1kΩ 1/2W	K
	R3331-33	NRSA63J-122X	MG R	1.2kΩ 1/16W	J
	R3334	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R3335	NRSA63J-391X	MG R	390Ω 1/16W	J
	R3336-38	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R3351-53	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R3354	NRSA63J-561X	MG R	560Ω 1/16W	J
	R3355	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R3361	QRC121K-105Z	COMP. R	1MΩ 1/2W	K
	R3362	QRC121K-102Z	COMP. R	1kΩ 1/2W	K
	R3363	QRC121K-474Z	COMP. R	470kΩ 1/2W	K

CAPACITOR

	C3101	QETN1HM-106Z	E CAP.	10µF 50V	M
	C3109	QETN1CM-107Z	E CAP.	100µF 16V	M
	C3110-11	NDC31HJ-221X	C CAP.	220pF 50V	J
	C3113	QETN2CM-106Z	E CAP.	10µF 160V	M
	C3114-15	QCB32HK-472Z	C CAP.	4700pF 500V	K
	C3117	QETN2CM-106Z	E CAP.	10µF 160V	M
	C3118	QETN0JM-107Z	E CAP.	100µF 6.3V	M
	C3119	QETN1AM-107Z	E CAP.	100µF 10V	M
	C3120	QETN1AM-337Z	E CAP.	330µF 10V	M
	C3121	QCS32HJ-151Z	CH C CAP.	150µF 500V	J
	C3122	NDC31HJ-5R0X	C CAP.	5.0pF 50V	J
	C3125	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	C3151-52	NCB21EK-104X	C CAP.	0.1µF 25V	K
	C3301-03	NDC31HJ-561X	C CAP.	560pF 50V	J
	C3321-22	QETN2EM-105Z	E CAP.	1µF 250V	M
	C3323	QETN1CM-477Z	E CAP.	470µF 16V	M
	C3351	QETN1CM-337Z	E CAP.	330µF 16V	M
	C3361	QETN2EM-105Z	E CAP.	1µF 250V	M
	C3363	QCZ0324-102	C CAP.	1000pF 3000V	P

COIL

	L3301-03	QQL244K-180Z	COIL	18µH	K
	L3304-06	QQL244K-470Z	COIL	47µH	K

DIODE

	D3101	1SS133-T2	SI.DIODE		
	D3105	RH1S-T3	SI.DIODE		
	D3106	RH1S-T3	SI.DIODE		

⚠	Symbol No.	Part No.	Part Name	Description	Local
	DIODE				
	D3301	1SS133-T2	SI.DIODE		
	D3302	1SS133-T2	SI.DIODE		
	D3303	1SS133-T2	SI.DIODE		
	D3304	1SS82-T2	SI.DIODE		
	D3305	1SS82-T2	SI.DIODE		
	D3306	1SS82-T2	SI.DIODE		
	D3331	1SS133-T2	SI.DIODE		
	D3351	1SS133-T2	SI.DIODE		
	D3361	RM2C-LFA1	SI.DIODE		
	TRANSISTOR				
	Q3103	2SA933AS/QR/-T	SI.TRANSISTOR		
	Q3105	2SC1740S/QR/-T	SI.TRANSISTOR		
	Q3106	2SA933AS/QR/-T	SI.TRANSISTOR		
	Q3107	2SA1964/DE/	SI.TRANSISTOR		
	Q3108	2SC5248/DE/	SI.TRANSISTOR		
	Q3109	2SC1740S/QR/-T	SI.TRANSISTOR		
	Q3151	2SC1740S/QR/-T	SI.TRANSISTOR		
	Q3152	2SA933AS/QR/-T	SI.TRANSISTOR		
	Q3301-03	2SC5083/L-P/-T	SI.TRANSISTOR		
	Q3304-06	2SC5147/CDE/F43	SI.TRANSISTOR		
	Q3351	2SA933AS/QR/-T	SI.TRANSISTOR		
	OTHERS				
	K3102-05	CE41492-001Z	CHOKE COIL		
⚠	SK3001	CE42670-001	C.R.T.SOCKET		
	W3024	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W3031-32	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W3035	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W3038-39	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	

FRONT CONTROL PW BOARD ASS'Y(SAC-8507A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local
	RESISTOR				
	R8401	NRSA63J-750X	MG R	75Ω 1/16W J	
	R8402-03	NRSA63J-224X	MG R	220kΩ 1/16W J	
	R8404-05	NRSA63J-750X	MG R	75Ω 1/16W J	
	R8406	NRSA63J-333X	MG R	33kΩ 1/16W J	
	R8702	NRSA63J-472X	MG R	4.7kΩ 1/16W J	
	R8703	NRSA63J-153X	MG R	15kΩ 1/16W J	
	R8705	NRSA63J-472X	MG R	4.7kΩ 1/16W J	
	R8706	NRSA63J-153X	MG R	15kΩ 1/16W J	
	CAPACITOR				
	C8442-43	QETN1HM-105Z	E CAP.	1μF 50V M	
	C8444-45	QETN1HM-474Z	E CAP.	0.47μF 50V M	
	C8446	NCB31HK-103X	C CAP.	0.01μF 50V K	
	DIODE				
	D8402-06	MTZJ10C-T2	ZENER DIODE		
	OTHERS				
	J8401	QNZ0453-001	JACK		
	K8401	QQR0621-002Z	BEADS CORE		
	LC8401-02	NQR0169-001X	EMI FILTER		
	S8702	QSW0619-003Z	PUSH SWITCH	MENU	
	S8703	QSW0619-003Z	PUSH SWITCH	CH-	
	S8704	QSW0619-003Z	PUSH SWITCH	CH+	
	S8705	QSW0619-003Z	PUSH SWITCH	VOL-	
	S8706	QSW0619-003Z	PUSH SWITCH	VOL+	

POWER SW PW BOARD ASS'Y(SAC-8601A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local
	RESISTOR				
	R8101	NRSA63J-561X	MG R	560Ω 1/16W J	
	R8107	NRSA63J-332X	MG R	3.3kΩ 1/16W J	
	R8108	NRSA63J-152X	MG R	1.5kΩ 1/16W J	
	CAPACITOR				
	C8102	QETN1EM-476Z	E CAP.	47μF 25V M	
	DIODE				
	D8101	SLR-342VR3F	L.E.D.		
	TRANSISTOR				
	Q8101-02	DTA124EKA-X	DIGI.TRANSISTOR		
	IC				
	IC8101	GP1U281Q	IFR DETECT UNIT		
	OTHERS				
		LC30190-001B-A	L.E.D.HOLDER		
	S8701	QSW0847-001	TACT SWITCH	(POWER)	

LF PW BOARD ASS'Y(SAC-9506A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local
	RESISTOR				
	R9997	QRE121J-5R6Y	C R	5.6Ω 1/2W J	
⚠	R9998	QRZ9041-275	C R	2.7MΩ 1/2W K	
	R9999	QRE121J-121Y	C R	120Ω 1/2W J	
	CAPACITOR				
⚠	C9901	QFZ9067-104	MM CAP.	0.1μF	
⚠	C9902	QFZ9067-473	MM CAP.	0.047μF	
⚠	C9903	QFZ9067-104	MM CAP.	0.1μF	
⚠	C9904	QCZ9052-102	C CAP.	1000pF 125V	
	OTHERS				
⚠	CN90PW	QMPD200-200-JC	POWER CORD		
⚠	F9901	QMF0007-5R0J1	FUSE		
⚠	FC9901	CEMG002-001Z	FUSE CLIP		
⚠	LF9901	QQR0527-004	LINE FILTER		
⚠	LF9902	QQR1159-001	LINE FILTER		
⚠	VA9901	ERZV10V621CS	VARISTOR		

AV SELECTOR PW BOARD ASS'Y(SAC0S511A-M2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	R0081	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0082	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R0083	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R0084	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R0085	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R0086	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0087	NRVA02D-153X	MF R	15kΩ 1/10W±0.5%	
	R0088	NRVA02D-152X	MF R	1.5kΩ 1/10W±0.5%	
	R0089	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R0090	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R0151-54	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0155	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0157	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0159	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R0202	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0210	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0211	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R0212	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0213	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0214	NRSA63J-181X	MG R	180Ω 1/16W	J
	R0215	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R0216	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R0217	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0218	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0223	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0229	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R0230	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0231	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0232	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0233	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R0234	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0235-36	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0238	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R0239	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R0241	NRSA63J-821X	MG R	820Ω 1/16W	J
	R0242	NRSA63J-474X	MG R	470kΩ 1/16W	J
	R0243-44	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R0247	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0251	NRSA63J-471X	MG R	470Ω 1/16W	J
	R0253	NRSA63J-681X	MG R	680Ω 1/16W	J
	R0254	NRSA63J-391X	MG R	390Ω 1/16W	J
	R0255	NRSA63J-681X	MG R	680Ω 1/16W	J
	R0258	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0259	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0261	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0262	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0263	NRSA63J-471X	MG R	470Ω 1/16W	J
	R0265	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0269	NRSA63J-681X	MG R	680Ω 1/16W	J
	R0270	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0301-02	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0303-04	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0305-06	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0331-34	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0371-74	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R0375-76	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0377-78	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R0381	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R0382	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0384-87	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0391-92	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0393-94	NRSA63J-823X	MG R	82kΩ 1/16W	J
	R0395-96	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0401	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R0402	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0458	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0459	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R0501-02	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0503	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0504-05	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0507-08	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0509	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0518	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0519-21	NRSA63J-750X	MG R	75Ω 1/16W	J
	R0522-23	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R0527	NRSA63J-750X	MG R	75Ω 1/16W	J
	R0528-29	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0532-33	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R0558-61	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0564-65	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0566-67	NRSA63J-331X	MG R	330Ω 1/16W	J
	R0568	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0571	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0573	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R0574	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0906	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	C0081	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0082	QENC1HM-475Z	BP E CAP.	4.7µF 50V	M
	C0083	QENC1HM-105Z	E CAP.	1µF 50V	M
	C0084	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0085	NCB21HK-473X	C CAP.	0.047µF 50V	K
	C0086	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0087-88	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0089	QBTC1CK-335Z	TAN.CAP.	3.3µF 16V	K
	C0090	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0091	QBTC1CK-106Z	TAN.CAP.	10µF 16V	K
	C0092-93	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0094	QETN1HM-475Z	E CAP.	4.7µF 50V	M
	C0095	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0151-52	QENC1HM-105Z	E CAP.	1µF 50V	M
	C0153-54	NCB31HK-332X	C CAP.	3300pF 50V	K
	C0155-56	NCB21HK-333X	C CAP.	0.033µF 50V	K
	C0157-58	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0159	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0160	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0205	QETN1HM-476Z	E CAP.	47µF 50V	M
	C0206	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0211	QENC1EM-106Z	BP E CAP.	10µF 25V	M
	C0212	NDC31HJ-101X	C CAP.	100pF 50V	J
	C0213	NDC31HJ-470X	C CAP.	47pF 50V	J
	C0214	NDC31HJ-181X	C CAP.	180pF 50V	J
	C0215	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0223	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0226	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0231-33	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0234	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0235	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0236	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0237	NCB31HK-472X	C CAP.	4700pF 50V	K
	C0238-39	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0241-45	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0246	NDC31HJ-181X	C CAP.	180pF 50V	J
	C0247-49	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0251	QETN1HM-476Z	E CAP.	47µF 50V	M
	C0252	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0255	NDC31HJ-390X	C CAP.	39pF 50V	J
	C0263	NDC31HJ-150X	C CAP.	15pF 50V	J
	C0264	QENC1HM-474Z	BP E CAP.	0.47µF 50V	M
	C0265	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0309-10	NCB31HK-102X	C CAP.	1000pF 50V	K
	C0311-12	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	C0331	QETN1CM-107Z	E CAP.	100µF 16V	M
	C0332	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0333	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0334	NCB21HK-273X	C CAP.	0.027µF 50V	K
	C0335	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0336	NCB31HK-222X	C CAP.	2200pF 50V	K
	C0337	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0338	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0339	NCB31HK-222X	C CAP.	2200pF 50V	K
	C0340	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0343	QETN1HM-105Z	E CAP.	1µF 50V	M

⚠	Symbol No.	Part No.	Part Name	Description	Local

CAPACITOR

	C0344-45	QENC1HM-225Z	BP E CAP.	2.2µF 50V	M
	C0371-72	QENC1HM-105Z	E CAP.	1µF 50V	M
	C0373	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0391-92	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0401	QETN1CM-107Z	E CAP.	100µF 16V	M
	C0402-03	NCF21CZ-105X	C CAP.	1µF 16V	Z
	C0404	QFV71HJ-224Z	MF CAP.	0.22µF 50V	J
	C0407	QETN1EM-108Z	E CAP.	1000µF 25V	M
	C0410-11	QETN1EM-108Z	E CAP.	1000µF 25V	M
	C0412-13	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0501-02	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0503	QETN1HM-226Z	E CAP.	22µF 50V	M
	C0504	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0505	QENC1HM-474Z	BP E CAP.	0.47µF 50V	M
	C0508	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0509	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0511	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0512-13	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0517	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0520-21	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0531-32	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0538-39	NCB31HK-103X	C CAP.	0.01µF 50V	K

COIL

	L0202	QQL244K-150Z	COIL	15µH	K
	L0211	QQL244K-4R7Z	COIL	4.7µH	K
	L0261	QQL244K-150Z	COIL	15µH	K

DIODE

	D0391-92	MTZJ10C-T2	ZENER DIODE
	D0501-05	MTZJ10C-T2	ZENER DIODE
	D0507-09	MTZJ10C-T2	ZENER DIODE
	D0511	MTZJ10C-T2	ZENER DIODE
	D0515-19	MTZJ10C-T2	ZENER DIODE
	D0521	MTZJ10C-T2	ZENER DIODE

TRANSISTOR

	Q0211-12	2SC2412K/QR/-X	SI.TRANSISTOR
	Q0218	2SC2412K/QR/-X	SI.TRANSISTOR
	Q0219	2SA1037AK/QR/-X	SI.TRANSISTOR
	Q0251	2SC2412K/QR/-X	SI.TRANSISTOR
	Q0252	2SA1037AK/QR/-X	SI.TRANSISTOR
	Q0253	2SC2412K/QR/-X	SI.TRANSISTOR
	Q0261-62	2SC2412K/QR/-X	SI.TRANSISTOR
	Q0263	2SA1037AK/QR/-X	SI.TRANSISTOR
	Q0301-02	DTC124EKA-X	DIGI.TRANSISTOR
	Q0381-82	DTC124EKA-X	DIGI.TRANSISTOR
	Q0384-87	DTC323TK-X	DIGI.TRANSISTOR
	Q0453	2SC2412K/QR/-X	SI.TRANSISTOR
	Q0454	DTC124EKA-X	DIGI.TRANSISTOR
	Q0509	2SC2412K/QR/-X	SI.TRANSISTOR

IC

	IC0001	UPC1851BCU	I.C(MONO-ANA)
	IC0151	NJM2150AD	I.C(MONO-ANA)
	IC0201	TC90A53N	I.C(DIGI-MOS)
	IC0371	BA15218N	I.C(MONO-ANA)
	IC0381	TC4066BP/N/	I.C(DIGI-MOS)
	IC0401	LA4485	I.C(MONO-ANA)
	IC0501	CXA2089Q-X	I.C(MONO-ANA)

⚠	Symbol No.	Part No.	Part Name	Description	Local

OTHERS

	J0501	QNZ0454-001	PIN JACK		
	J0502	QNN0349-001	PIN JACK		
	J0503	QNN0348-001	PIN JACK		
	W0003	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0011	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0031-33	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0050	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0060	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0085-87	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0099	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0105	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0109	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0115-17	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0131	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0142	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0148	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0151	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0154	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0158	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0162-65	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0169-72	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0174	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0176-80	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0184	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0186-89	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J

REMOTE CONTROL UNIT PARTS LIST (RM-C303G-1A)

⚠	Ref.No.	Part No.	Part Name	Description	Local
		UR52EC1286C	BATTERY COVER		

PRINTED WIRING BOARD PARTS LIST(AV-36F802)

MAIN PW BOARD ASS'Y(SAC-1547A-M2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	R1001	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1002-04	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1011	NRSA63J-820X	MG R	82Ω 1/16W	J
	R1012	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R1013	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1014	QRE121J-101Y	C R	100Ω 1/2W	J
	R1015	NRSA63J-180X	MG R	18Ω 1/16W	J
	R1016	NRSA63J-270X	MG R	27Ω 1/16W	J
	R1018	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1020	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R1021	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R1022	NRSA63J-151X	MG R	150Ω 1/16W	J
	R1023	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1024	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1025	NRSA63J-561X	MG R	560Ω 1/16W	J
	R1026	NRSA63J-331X	MG R	330Ω 1/16W	J
	R1028	NRSA63J-821X	MG R	820Ω 1/16W	J
	R1029	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R1030	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1038	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1039	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1041	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1042-43	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1044-46	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1047	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R1048	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1101-02	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1111	NRSA63J-105X	MG R	1MΩ 1/16W	J
	R1131	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1132	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R1133	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1134	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1135-39	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1140	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1155	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R1156	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1201	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R1231	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R1237	NRSA63J-392X	MG R	3.9kΩ 1/16W	J
	R1238	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1241	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R1243	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R1281	NRSA63J-182X	MG R	1.8kΩ 1/16W	J
	R1282	NRSA63J-392X	MG R	3.9kΩ 1/16W	J
	R1283	NRSA63J-681X	MG R	680Ω 1/16W	J
	R1286	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1287	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1288	NRSA02J-471X	MG R	470Ω 1/10W	J
	R1289	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1290	NRSA02J-561X	MG R	560Ω 1/10W	J
	R1292	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R1293	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R1301-03	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R1304-06	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1318	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1319	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1354-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1356	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R1359	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1360	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1401	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R1403	QRX01GJ-1R0	MF R	1.0Ω 1W	J
	R1404	QRE121J-100Y	MF R	10Ω 1/2W	J
	R1405	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1407	NRSA02J-0R0X	MG R	0.0Ω 1/10W	J
	R1411-12	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1414	QRL029J-151	OM R	150Ω 2W	J
	R1417	QRE121J-180Y	C R	18Ω 1/2W	J
	R1431	QRE121J-272Y	C R	2.7kΩ 1/2W	J
	R1432	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1433	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1434	NRSA63J-822X	MG R	8.2kΩ 1/16W	J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	R1435	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1440	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1441	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1501	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1502	NRSA63J-271X	MG R	270Ω 1/16W	J
	R1503	QRE121J-103Y	C R	10kΩ 1/2W	J
	R1504	QRL039J-122	OM R	1.2kΩ 3W	J
	R1505	QRL039J-152	OM R	1.5kΩ 3W	J
	R1507	QRF074J-2R0	UNF R	2.0Ω 7W	J
	R1511	QRE121J-220Y	C R	22Ω 1/2W	J
	R1512	QRE121J-681Y	C R	680Ω 1/2W	J
	R1513	QRL039J-273	OM R	27kΩ 3W	J
	R1515	QRE141J-0R0Y	C R	0.0Ω 1/4W	J
⚠	R1523	QRJ146J-333X	C R	33kΩ 1/4W	J
⚠	R1525	QRZ9011-470	F R	47Ω 1/2W	J
	R1526	QRE121J-272Y	C R	2.7kΩ 1/2W	J
	R1527	QRE121J-154Y	C R	150kΩ 1/2W	J
	R1528	QRE121J-124Y	C R	120kΩ 1/2W	J
	R1529	NRSA63J-331X	MG R	330Ω 1/16W	J
⚠	R1531	QRJ146J-391X	C R	390Ω 1/4W	J
	R1532	NRSA63J-273X	MG R	27kΩ 1/16W	J
	R1533-34	NRSA63J-123X	MG R	12kΩ 1/16W	J
⚠	R1535	NRSA02D-242X	MG R	2.4kΩ 2W	D
⚠	R1537	NRVA02D-752X	MF R	7.5kΩ 2W	D
	R1538	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R1543	QRE121J-122Y	C R	1.2kΩ 1/2W	J
	R1544	QRE121J-222Y	C R	2.2kΩ 1/2W	J
	R1545	QRE121J-822Y	C R	8.2kΩ 1/2W	J
	R1546	NRSA63J-331X	MG R	330Ω 1/16W	J
	R1547	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1548	QRE121J-821Y	C R	820Ω 1/2W	J
	R1553	QRL039J-390	OM R	39Ω 3W	J
	R1581	QRE121J-100Y	MF R	10Ω 1/2W	J
	R1582	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R1583	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1584	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R1585	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1586	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1587	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1588	QRE121J-100Y	MF R	10Ω 1/2W	J
	R1589	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1590	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1591	QRJ149J-220	C R	22Ω 1/4W	J
	R1592	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R1593	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1594	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1595	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1601-06	NRSA63J-750X	MG R	75Ω 1/16W	J
	R1607-09	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R1651-52	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1700-02	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1704-05	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1706-07	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1708-09	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1714	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1715	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1718	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1721-28	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1729	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R1731-32	NRSA63J-101X	MG R	100Ω 1/16W	J
	R1733-34	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1737	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R1738	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1739	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R1740	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1741	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1742-43	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1745	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1748	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1749-51	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R1752	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1753	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J

⚠	Symbol No.	Part No.	Part Name	Description	Local

RESISTOR

	R1754	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1755	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R1756	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1762	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1763	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1764-68	NRSA63J-221X	MG R	220Ω 1/16W	J
	R1769-70	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1772	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1774	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1775	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1776	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R1777	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1778	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R1784	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R1786	NRSA63J-393X	MG R	39kΩ 1/16W	J
	R1788	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R1790	NRSA63J-273X	MG R	27kΩ 1/16W	J
	R1791	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R1792	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1793-95	NRSA63J-331X	MG R	330Ω 1/16W	J
	R1798-99	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1800	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1806	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1807	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1810	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1811	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1812	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1814	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1815	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R1816	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R1817	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1818	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1821	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1824	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R1827	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1857	QRG029J-330	OM R	33Ω 2W	J
	R1858	QRG029J-180	OM R	18Ω 2W	J
	R1860	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R1901	QRF074K-R47	UNF R	0.47Ω 7W	K
	R1909	QRG01GJ-470	OM R	47Ω 1W	J
	R1911	QRE121J-223Y	C R	22kΩ 1/2W	J
	R1912	QRT029J-R18	MF R	0.18Ω 2W	J
	R1913	QRT029J-R15	MF R	0.15Ω 2W	J
⚠	R1914	QRK126J-681X	C R	680Ω 1/2W	J
	R1915	QRE121J-270Y	C R	27Ω 1/2W	J
⚠	R1917	QRK126J-332X	C R	3.3kΩ 1/2W	J
	R1918	QRE121J-222Y	C R	2.2kΩ 1/2W	J
	R1919	QRE121J-684Y	C R	680kΩ 1/2W	J
	R1924	QRE121J-222Y	C R	2.2kΩ 1/2W	J
	R1930	QRE121J-223Y	C R	22kΩ 1/2W	J
	R1939	QRT039J-2R2	MF R	2.2Ω 3W	J
	R1940	QRE121J-181Y	C R	180Ω 1/2W	J
	R1941	QRL029J-183	OM R	18kΩ 2W	J
	R1943	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R1944	NRSA63J-122X	MG R	1.2kΩ 1/16W	J
	R1951	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R1952	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R1953	QRE121J-151Y	C R	150Ω 1/2W	J
	R1972	NRVA02D-102X	MF R	1kΩ 1/10W±0.5%	
	R1973	QRE121J-272Y	C R	2.7kΩ 1/2W	J
	R1975	QRE121J-223Y	C R	22kΩ 1/2W	J
	R1977	QRE121J-473Y	C R	47kΩ 1/2W	J
	R1978	NRSA63J-333X	MG R	33kΩ 1/16W	J

CAPACITOR

	C1001	QETN1HM-475Z	E CAP.	4.7µF	50V M
	C1002	QETN1HM-106Z	E CAP.	10µF	50V M
	C1003	QETN1CM-108Z	E CAP.	1000µF	16V M
	C1011-12	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1014	QETN1CM-107Z	E CAP.	100µF	16V M
	C1015-16	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1021	QFV71HJ-824Z	MF CAP.	0.82µF	50V J
	C1023	QETN1CM-107Z	E CAP.	100µF	16V M

⚠	Symbol No.	Part No.	Part Name	Description	Local

CAPACITOR

	C1024	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1025	NCB31HK-102X	C CAP.	1000pF	50V K
	C1026	QETN1HM-474Z	E CAP.	0.47µF	50V M
	C1027	NCB21HK-104X	C CAP.	0.1µF	50V K
	C1028	QETN1HM-106Z	E CAP.	10µF	50V M
	C1029	QETN1CM-336Z	E CAP.	33µF	16V M
	C1030	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1034	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1036	QETN1AM-477Z	E CAP.	470µF	10V M
	C1037	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1038	QETN1CM-107Z	E CAP.	100µF	16V M
	C1041-42	QETN1HM-106Z	E CAP.	10µF	50V M
	C1043-44	NDC31HJ-470X	C CAP.	47pF	50V J
	C1045	QETN1HM-106Z	E CAP.	10µF	50V M
	C1046	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1047	NDC21HJ-330X	C CAP.	33pF	50V J
	C1048	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1111	QETN0JM-228Z	E CAP.	2200µF	6.3V M
	C1112	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1113	QETN1HM-474Z	E CAP.	0.47µF	50V M
	C1114	QETN1HM-105Z	E CAP.	1µF	50V M
	C1115	QFV71HJ-104Z	MF CAP.	0.1µF	50V J
	C1116	NCB21HK-104X	C CAP.	0.1µF	50V K
	C1131	NDC31HJ-220X	C CAP.	22pF	50V J
	C1132	NDC31HJ-100X	C CAP.	10pF	50V J
	C1133	NDC31HJ-220X	C CAP.	22pF	50V J
	C1134	NDC31HJ-100X	C CAP.	10pF	50V J
	C1135	NDC31HJ-330X	C CAP.	33pF	50V J
	C1136	QENC1CM-106Z	E CAP.	10µF	16V M
	C1150	NCF21CZ-105X	C CAP.	1µF	16V Z
	C1151	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1152	QENC1HM-105Z	E CAP.	1µF	50V M
	C1201	NDC31HJ-100X	C CAP.	10pF	50V J
	C1202	QETN1HM-224Z	E CAP.	0.22µF	50V M
	C1203	NCB31HK-222X	C CAP.	2200pF	50V K
	C1233	NDC31HJ-560X	C CAP.	56pF	50V J
	C1237	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1281	QFV71HJ-474Z	MF CAP.	0.47µF	50V J
	C1282	QETN1CM-227Z	E CAP.	220µF	16V M
	C1283	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1284	QETN1HM-225Z	E CAP.	2.2µF	50V M
	C1285	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1286	QETN1HM-106Z	E CAP.	10µF	50V M
	C1287	QETN1CM-107Z	E CAP.	100µF	16V M
	C1288	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1302	NCB21HK-104X	C CAP.	0.1µF	50V K
	C1352	QETN1CM-336Z	E CAP.	33µF	16V M
	C1354	QFV71HJ-154Z	MF CAP.	0.15µF	50V J
	C1391	QETN1CM-107Z	E CAP.	100µF	16V M
	C1392	NCB31HK-103X	C CAP.	0.01µF	50V K
	C1393-95	NCB21HK-104X	C CAP.	0.1µF	50V K
	C1401	NDC21HJ-152X	C CAP.	1500pF	50V J
	C1403	NCB21HK-153X	C CAP.	0.015µF	50V K
	C1404	QEHR1VM-107Z	E CAP.	100µF	35V M
	C1405	QCS32HJ-100Z	CH C CAP.	10µF	500V J
	C1407	QFLC2AJ-104Z	M CAP.	0.1µF	100V J
	C1410	QFLC2AJ-104Z	M CAP.	0.1µF	100V J
	C1411	QETN1HM-105Z	E CAP.	1µF	50V M
	C1415	NCB21HK-104X	C CAP.	0.1µF	50V K
	C1421	QEHQ1VM-108	E CAP.	1000µF	35V M
	C1431	QETN1HM-105Z	E CAP.	1µF	50V M
	C1432	QETN1EM-476Z	E CAP.	47µF	25V M
	C1501	QCB32HK-151Z	C CAP.	150pF	500V K
	C1502	QCB32HK-331Z	C CAP.	330pF	500V K
	C1503	QETN2CM-105Z	E CAP.	1µF	160V M
	C1504	QEZ0203-107	E CAP.	100µF	160V M
	C1505	QENC2AM-225Z	E CAP.	2.2µF	100V M
	C1507	QEZ0195-475Z	E CAP.	4.7µF	50V M
	C1510	QFZ0196-272	MPP CAP.	2700pF	1.5kVH ±3%
	C1513	QFZ0198-153	MPP CAP.	0.015µF	1.5kVH ±3%
	C1514	QFP32JJ-223	PP CAP.	0.022µF	630V J
	C1515	QFZ0197-474	MPP CAP.	0.47µF	250V Z

⚠	Symbol No.	Part No.	Part Name	Description		Local
	CAPACITOR					
	C1516	QCB32HK-561Z	C CAP.	560pF	500V	K
	C1521	QETN2EM-106Z	E CAP.	10µF	250V	M
	C1523	QEHR1EM-108Z	E CAP.	1000µF	25V	M
	C1524	QETN1EM-108Z	E CAP.	1000µF	25V	M
	C1525	QETN1VM-107Z	E CAP.	100µF	35V	M
	C1526	QFV21HJ-824Z	MF CAP.	0.82µF	50V	J
	C1527	QFLC2AJ-103Z	M CAP.	0.01µF	100V	J
⚠	C1531	QCB32HK-102Z	C CAP.	1000pF	500V	K
⚠	C1533	QETN1HM-106Z	E CAP.	10µF	50V	M
	C1551-52	QFV71HJ-474Z	MF CAP.	0.47µF	50V	J
	C1553	QETN1EM-476Z	E CAP.	47µF	25V	M
	C1601-06	QETN1EM-476Z	E CAP.	47µF	25V	M
	C1607	QETN1AM-477Z	E CAP.	470µF	10V	M
	C1608	NCB31HK-103X	C CAP.	0.01µF	50V	K
	C1609-11	QFV71HJ-104Z	MF CAP.	0.1µF	50V	J
	C1612	QETN1HM-105Z	E CAP.	1µF	50V	M
	C1663-64	QETN1EM-476Z	E CAP.	47µF	25V	M
	C1700	NCB31HK-102X	C CAP.	1000pF	50V	K
	C1703	NDC31HJ-181X	C CAP.	180pF	50V	J
	C1706	QETN1HM-105Z	E CAP.	1µF	50V	M
	C1707	QETN1CM-107Z	E CAP.	100µF	16V	M
	C1710	NCB21EK-683X	C CAP.	0.068µF	25V	K
	C1712	QETN1HM-475Z	E CAP.	4.7µF	50V	M
	C1714	QETN1HM-105Z	E CAP.	1µF	50V	M
	C1721	NCB31HK-103X	C CAP.	0.01µF	50V	K
	C1722-23	NDC31HJ-390X	C CAP.	39pF	50V	J
	C1724	NDC31HJ-471X	C CAP.	470pF	50V	J
	C1726	NDC21HJ-561X	C CAP.	560pF	50V	J
	C1800	QETN1CM-107Z	E CAP.	100µF	16V	M
	C1801	NCB21HK-104X	C CAP.	0.1µF	50V	K
	C1802	QETN1CM-107Z	E CAP.	100µF	16V	M
	C1803	QETN1HM-106Z	E CAP.	10µF	50V	M
	C1804	NDC31HJ-102X	C CAP.	1000pF	50V	J
	C1805	NCB31HK-153X	C CAP.	0.015µF	50V	K
	C1806-07	QETN1HM-106Z	E CAP.	10µF	50V	M
	C1810	QETN1HM-474Z	E CAP.	0.47µF	50V	M
	C1811	QETN1HM-105Z	E CAP.	1µF	50V	M
	C1813	NCB31HK-102X	C CAP.	1000pF	50V	K
	C1816	NCB31HK-153X	C CAP.	0.015µF	50V	K
	C1851	QETN1EM-107Z	E CAP.	100µF	25V	M
	C1852	QETN1CM-107Z	E CAP.	100µF	16V	M
	C1853-54	QETN1CM-227Z	E CAP.	220µF	16V	M
	C1856	QETN1CM-227Z	E CAP.	220µF	16V	M
	C1857	QETN1CM-477Z	E CAP.	470µF	16V	M
⚠	C1904-06	QCZ9054-102	C CAP.	1000pF	250V	Z
⚠	C1907	QEZ0169-477	E CAP.	470µF	200V	M
⚠	C1908	QCZ9054-102	C CAP.	1000pF	250V	Z
	C1912	QCZ0340-332	C CAP.	3300pF		
	C1913	QFLC1HJ-471Z	M CAP.	470pF	50V	J
	C1914	QETN1HM-107Z	E CAP.	100µF	50V	M
	C1916	NDC31HJ-331X	C CAP.	330pF	50V	J
	C1917	NCB31HK-222X	C CAP.	2200pF	50V	K
	C1918	NCB21HK-104X	C CAP.	0.1µF	50V	K
	C1919	QFP32GJ-103	PP CAP.	0.01µF	400V	J
	C1925	NRSA63J-0R0X	MG R	0.0Ω	1/16W	J
	C1931	QEZ0203-227	E CAP.	220µF	160V	M
	C1932	QETN1CM-108Z	E CAP.	1000µF	16V	M
	C1933	QETM1EM-228	E CAP.	2200µF	25V	M
	C1934-35	QETN1EM-108Z	E CAP.	1000µF	25V	M
	C1937	QCZ0340-102	C CAP.	1000pF		
	C1938	QETM1EM-228	E CAP.	2200µF	25V	M
	C1939-40	QCB32HK-152Z	C CAP.	1500pF	500V	K
	C1942	QETN1HM-105Z	E CAP.	1µF	50V	M
	C1943	QETN1CM-108Z	E CAP.	1000µF	16V	M
	C1948	QETN1EM-476Z	E CAP.	47µF	25V	M
	C1951	QETN1EM-108Z	E CAP.	1000µF	25V	M
	C1971	QETN1CM-107Z	E CAP.	100µF	16V	M
	C1972	QETN1EM-476Z	E CAP.	47µF	25V	M
	C1973	QETN1HM-106Z	E CAP.	10µF	50V	M
⚠	C1998-99	QCZ9074-103	C CAP.	0.01µF	250V	M

⚠	Symbol No.	Part No.	Part Name	Description		Local
	TRANSFORMER					
	T1501	CE42034-002	H.DRIVE TRANSF.			
⚠	T1502	QQH0110-001	FBT			
⚠	T1921	QQS0090-001	SWITCH.TRANSF.			
⚠	T1951	QQT0315-001	POWER TRANSF.			
	COIL					
	L1001	QQL244K-560Z	COIL	56µH		K
	L1012	QQLZ014-R39	PEAKING COIL	0.39µH		
	L1021	QRN143J-0R0X	C R	0.0Ω	1/4W	J
	L1022	QQL244K-220Z	COIL	22µH		K
	L1027	QRN143J-0R0X	C R	0.0Ω	1/4W	J
	L1041	QRN143J-0R0X	C R	0.0Ω	1/4W	J
	L1042	QQL244K-220Z	COIL	22µH		K
	L1101	QQL244K-470Z	COIL	47µH		K
	L1232	QQL244K-560Z	COIL	56µH		K
	L1511	CE41029-00A	LINEARITY COIL			
	L1512	QQLZ027-821	CHOKE COIL	820µH		
	L1521	QQLZ018-760	HEATER CHOKE	76µH		
	L1700	QQL244K-4R7Z	COIL	4.7µH		K
	L1810	QQL244J-100Z	COIL	10µH		J
	L1931	QQL26AK-470Z	COIL	47µH		K
	L1933-34	QQL26AK-470Z	COIL	47µH		K
	L1937	QQL26AK-470Z	COIL	47µH		K
	DIODE					
	D1010	MTZJ9.1C-T2	ZENER DIODE			
	D1101-02	MTZJ8.2C-T2	ZENER DIODE			
	D1305-10	1SS133-T2	SI.DIODE			
	D1352	MTZJ9.1C-T2	ZENER DIODE			
	D1353	1SS133-T2	SI.DIODE			
	D1401	1SR35-400A-T2	SI.DIODE			
	D1431	1SR35-400A-T2	SI.DIODE			
	D1432	1SS133-T2	SI.DIODE			
⚠	D1501	RH3G-F1	SI.DIODE			
⚠	D1502	RU3AM-LFC4	SI.DIODE			
	D1507	RGP10J-5025-T3	SI.DIODE			
	D1521	RH1S-T3	SI.DIODE			
	D1523-24	EL1Z-T3	SI.DIODE			
	D1525-26	1SS81-T5	SI.DIODE			
	D1527	1SR124-400A-T2	SI.DIODE			
	D1529	MTZJ5.1C-T2	ZENER DIODE			
⚠	D1531	MA4068N/Z1/-T2	ZENER DIODE			
	D1535	1SS133-T2	SI.DIODE			
	D1537	1SR35-400A-T2	SI.DIODE			
	D1601-06	MTZJ9.1C-T2	ZENER DIODE			
	D1700	MTZJ5.6B-T2	ZENER DIODE			
	D1701-02	1SS133-T2	SI.DIODE			
	D1706-10	MTZJ8.2C-T2	ZENER DIODE			
	D1711-15	1SS81-T2	SI.DIODE			
	D1721-22	1SS133-T2	SI.DIODE			
	D1723-24	MTZJ5.6B-T2	ZENER DIODE			
	D1800	1SS81-T2	SI.DIODE			
	D1801	1SS133-T2	SI.DIODE			
	D1810	MTZJ8.2C-T2	ZENER DIODE			
	D1811	1SS133-T2	SI.DIODE			
⚠	D1901	RBV-406M	BRIDGE DIODE			
	D1910	MA700A-T2	SI.DIODE			
⚠	D1911-13	RGP10J-5025-T3	SI.DIODE			
	D1914	1SS133-T2	SI.DIODE			
	D1915	SARS01-T2	SI.DIODE			
	D1917	MTZJ30A-T2	ZENER DIODE			
	D1918	MTZJ5.1C-T2	ZENER DIODE			
	D1920	1SS133-T2	SI.DIODE			
⚠	D1930	RGP10J-5025-T3	SI.DIODE			
	D1931	RU30A-F1	SI.DIODE			

⚠	Symbol No.	Part No.	Part Name	Description	Local
	DIODE				
	D1933	RU3YX-LFC4	SI.DIODE		
	D1935	RU3YX-LFC4	SI.DIODE		
	D1937	RU3YX-LFC4	SI.DIODE		
	D1941	MTZJ33A-T2	ZENER DIODE		
	D1945	1SS133-T2	SI.DIODE		
	D1952-53	1SS133-T2	SI.DIODE		
	D1954-57	1SR35-400A-T2	SI.DIODE		
	D1972	MTZJ15C-T2	ZENER DIODE		
	D1973	1SS133-T2	SI.DIODE		
	TRANSISTOR				
	Q1011	2SC5083/L-P/-T	SI.TRANSISTOR		
	Q1021	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1024	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1025	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1041	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1131-33	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1153-54	DTC124EKA-X	DIGI.TRANSISTOR		
	Q1232-33	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1352	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1431	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1440	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1501	2SC4212/Z1/	SI.TRANSISTOR		
	Q1511	2SD2645-YD	TRANSISTOR		
⚠	Q1531	2SC2785/JH/-T	SI.TRANSISTOR		
	Q1532	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1541-42	2SA1037AK/QR/-X	SI.TRANSISTOR		
⚠	Q1543	2SD1408/OY/-LB	SI.TRANSISTOR		
	Q1551	2SC1740S/QR/-T	SI.TRANSISTOR		
	Q1552	2SA966/OY/-T	SI.TRANSISTOR		
	Q1700	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1701	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1703	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1705	2SA1037AK/QR/-X	SI.TRANSISTOR		
	Q1706	DTC363TK-X	DIGI.TRANSISTOR		
	Q1711	DTC124EKA-X	DIGI.TRANSISTOR		
	Q1810	DTC144EKA-X	DIGI.TRANSISTOR		
	Q1941	2SC2412K/QR/-X	SI.TRANSISTOR		
	Q1951	2SD1383K/AB/-X	SI.TRANSISTOR		
	Q1971	2SA1123/R/Z1-T	SI.TRANSISTOR		
	IC				
	IC1101	TB1253AN	I.C(M)		
	IC1151	TC4066BF/N/-XE	I.C(DIGI-MOS)		
	IC1401	LA7841	I.C(MONO-ANA)		
	IC1501	LA6515	I.C(MONO-ANA)		
	IC1601	M52055FP-X	I.C(MONO-ANA)		
	IC1651	PQ3RD13	I.C(MONO-ANA)		
	IC1701	MN1876478JL1	I.C(MICRO-COMP)		
	IC1702	AT24C04-F802Y	I.C(MEMORY-OTH)	(SERVICE)	
	IC1703	MM1437AF-X	I.C(MONO-ANA)		
	IC1851	AN7812F	I.C(MONO-ANA)		
	IC1852	AN7809F	I.C(MONO-ANA)		
	IC1853	AN7805F	I.C(MONO-ANA)		
⚠	IC1911	STR-F6626/F3	I.C(HYBRID)		
⚠	IC1921	SE135N	I.C(HYBRID)		
	OTHERS				
	CF1001	QAX0349-001	CERAMIC FILTER		
	CF1021	QAX0639-001Z	CERAMIC FILTER		
	CF1041	QAX0642-001Z	CERAMIC FILTER		
⚠	CP1932-34	ICP-N75-Y	I.C.PROTECT		
⚠	CP1936	ICP-N75-Y	I.C.PROTECT		
⚠	F1905	QMFZ034-5R0Z-J1	FUSE		
⚠	FR1521	QRK126J-150X	C R	15Ω 1/2W J	
⚠	FR1523-24	QRX029J-3R3	MF R	3.3Ω 2W J	

⚠	Symbol No.	Part No.	Part Name	Description	Local
	OTHERS				
⚠	FR1525	QRZ9017-4R7	F R	4.7Ω 1/4W J	
	J1601-02	QNN0349-002	PIN JACK		
	J1810	QNS0001-001	JACK		
	K1401	QQR0621-002Z	BEADS CORE		
	K1912	QQR0582-001Z	BEADS CORE		
	K1916-17	QQR0582-001Z	BEADS CORE		
	K1920	QQR0872-002	FERRITE BEADS		
	K1931-33	QQR0582-001Z	BEADS CORE		
	K1935	QQR0582-001Z	BEADS CORE		
	K1937	QQR0582-001Z	BEADS CORE		
	K1939	QQR0621-002Z	BEADS CORE		
	LC1601-06	NQR0169-001X	EMI FILTER		
⚠	PC1921	TLP621(B)	I.C(PH.COUPLER)		
⚠	RY1941	QSK0120-001	RELAY		
⚠	RY1951	QSK0113-001	RELAY		
	SF1011	QAX0324-002	SAW FILTER		
⚠	TH1901	CEKP007-002	P.THERMISTOR		
⚠	TU1001	QAU0234-001	TUNER		
	W1106	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1111	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1113	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1131	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1140	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1154	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1162	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1195	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1202	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1206	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1212-14	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1250	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1254-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1265	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1267	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1269	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1274	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1291	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1298	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1310-11	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1313	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1330-31	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1381	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1385	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1404	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1408	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1413	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1416	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1434-35	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1437-38	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1440	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1442-43	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1447-48	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1454-55	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1464	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1478	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1487-89	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1492-96	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1498	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1501	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1503	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1508	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1510-11	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1514-16	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1523-28	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1536	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1540	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1542	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1546	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1548-49	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1557-59	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1564	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1567-69	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
	W1572	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	

⚠	Symbol No.	Part No.	Part Name	Description	Local
	OTHERS				
	W1575-81	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W1584-85	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W1587	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W1590-91	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W1600	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W1604	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W1612	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	X1201	CE40668-001Z	CRYSTAL		
	X1700	QAX0307-001	CER.RESONATOR		
	Y1002-03	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1150	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1152	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1156	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1652-54	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1701	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1703	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1712	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1714	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1800	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1902-03	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y1911	NDC31HJ-101X	C CAP.	100pF 50V	J

DAF PW BOARD ASS'Y(SAC-2605A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

Refer to PARTS LIST in page 46 for this PW BOARD.

CRT SOCKET PW BOARD ASS'Y(SAC-3513A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

Refer to PARTS LIST in page 46 for this PW BOARD.

FRONT CONTROL PW BOARD ASS'Y(SAC-8507A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

Refer to PARTS LIST in page 47 for this PW BOARD.

POWER SW PW BOARD ASS'Y(SAC-8601A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

Refer to PARTS LIST in page 47 for this PW BOARD.

LF PW BOARD ASS'Y(SAC-9506A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local

Refer to PARTS LIST in page 47 for this PW BOARD.

PIP PW BOARD ASS'Y(SAC0P501A-M2)

⚠	Symbol No.	Part No.	Part Name	Description	Local
	RESISTOR				
	R0001-02	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R0003-04	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0005	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0011	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0121	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0301	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R0303	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0304	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R0306	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0307-08	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R0309	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0311	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0313	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0314	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0316	NRSA63J-331X	MG R	330Ω 1/16W	J
	R0317	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0331	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0337	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0343	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	CAPACITOR				
	C0003-04	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0006	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0008	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0301-02	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	C0312-13	NDC31HJ-270X	C CAP.	27pF 50V	J
	C0314	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0315	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0316-18	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0319	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0320	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0321	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0322	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0323	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0324-25	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0326	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0327	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0328	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0329	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0330	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0331	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0333	NDC31HJ-680X	C CAP.	68pF 50V	J
	COIL				
	L0302-04	QQL244J-6R8Z	COIL	6.8µH	J
	DIODE				
	D0301	1SS133-T2	SI.DIODE		
	TRANSISTOR				
	Q0301-03	2SC2412K/QR/-X	SI.TRANSISTOR		
	IC				
	IC0001	AN7805F	I.C(MONO-ANA)		
	IC0301	SDA9389X-X	I.C(DIGI-MOS)		
	OTHERS				
⚠	TU0001	QAU0206-001	TUNER		
	W0047	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	W0066	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	X0301	QAX0521-001Z	CRYSTAL		
	Y0301-02	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	Y0331-33	NRSA63J-0R0X	MG R	0.0Ø 1/16W	J

AV SELECTOR PW BOARD ASS'Y(SAC0S505A-M2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	R0081	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0082	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R0083	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R0084	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R0085	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R0086	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0087	NRVA02D-153X	MF R	15kΩ 1/10W±0.5%	
	R0088	NRVA02D-152X	MF R	1.5kΩ 1/10W±0.5%	
	R0089	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R0090	NRSA63J-563X	MG R	56kΩ 1/16W	J
	R0151-54	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0155	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0157	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0159	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R0202	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0301-02	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R0303-04	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0305-06	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0331-34	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0371-74	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R0375-76	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0377-78	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R0381	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R0382	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0384-87	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0391-92	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0393-94	NRSA63J-823X	MG R	82kΩ 1/16W	J
	R0395-96	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0401	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R0402	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R0458	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0459	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R0501-02	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0503	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0504-05	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0507-08	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0509	NRSA63J-221X	MG R	220Ω 1/16W	J
	R0510-11	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R0518	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R0519-21	NRSA63J-750X	MG R	75Ω 1/16W	J
	R0522-23	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R0527	NRSA63J-750X	MG R	75Ω 1/16W	J
	R0528-29	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0532-35	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R0558-61	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0564-65	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0566-67	NRSA63J-331X	MG R	330Ω 1/16W	J
	R0568	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R0571	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0573	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R0901	NRSA63J-101X	MG R	100Ω 1/16W	J
	R0906	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	C0081	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0082	QENC1HM-475Z	BP E CAP.	4.7µF 50V	M
	C0083	QENC1HM-105Z	E CAP.	1µF 50V	M
	C0084	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0085	NCB21HK-473X	C CAP.	0.047µF 50V	K
	C0086	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0087-88	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0089	QBTC1CK-335Z	TAN.CAP.	3.3µF 16V	K
	C0090	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0091	QBTC1CK-106Z	TAN.CAP.	10µF 16V	K
	C0092-93	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0094	QETN1HM-475Z	E CAP.	4.7µF 50V	M
	C0095	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0151-52	QENC1HM-105Z	E CAP.	1µF 50V	M
	C0153-54	NCB31HK-332X	C CAP.	3300pF 50V	K
	C0155-56	NCB21HK-333X	C CAP.	0.033µF 50V	K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description	Local
	C0157-58	QETN1HM-106Z	E CAP.	10µF 50V	M
	C0159	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0160	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0309-10	NCB31HK-102X	C CAP.	1000pF 50V	K
	C0311-12	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	C0331	QETN1CM-107Z	E CAP.	100µF 16V	M
	C0332	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0333	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0334	NCB21HK-273X	C CAP.	0.027µF 50V	K
	C0335	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0336	NCB31HK-222X	C CAP.	2200pF 50V	K
	C0337	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0338	QETN1HM-225Z	E CAP.	2.2µF 50V	M
	C0339	NCB31HK-222X	C CAP.	2200pF 50V	K
	C0340	NCB21HK-104X	C CAP.	0.1µF 50V	K
	C0343	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0344-45	QENC1HM-225Z	BP E CAP.	2.2µF 50V	M
	C0371-72	QENC1HM-105Z	E CAP.	1µF 50V	M
	C0373	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0391-92	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0401	QETN1CM-107Z	E CAP.	100µF 16V	M
	C0402-03	NCF21CZ-105X	C CAP.	1µF 16V	Z
	C0404	QFV71HJ-224Z	MF CAP.	0.22µF 50V	J
	C0407	QETN1EM-108Z	E CAP.	1000µF 25V	M
	C0410-11	QETN1EM-108Z	E CAP.	1000µF 25V	M
	C0412-13	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0501-02	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0503	QETN1HM-226Z	E CAP.	22µF 50V	M
	C0504	QETN1EM-476Z	E CAP.	47µF 25V	M
	C0505	QENC1HM-474Z	BP E CAP.	0.47µF 50V	M
	C0508	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0509	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0511	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0512-13	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0517	QETN1HM-474Z	E CAP.	0.47µF 50V	M
	C0520-23	QETN1HM-105Z	E CAP.	1µF 50V	M
	C0533-34	NCB31HK-103X	C CAP.	0.01µF 50V	K
	C0538-39	NCB31HK-103X	C CAP.	0.01µF 50V	K

DIODE

Symbol No.	Part No.	Part Name
D0391-92	MTZJ10C-T2	ZENER DIODE
D0501-05	MTZJ10C-T2	ZENER DIODE
D0507-09	MTZJ10C-T2	ZENER DIODE
D0511	MTZJ10C-T2	ZENER DIODE
D0515-19	MTZJ10C-T2	ZENER DIODE
D0521	MTZJ10C-T2	ZENER DIODE
D0527-28	MTZJ10C-T2	ZENER DIODE

TRANSISTOR

Symbol No.	Part No.	Part Name
Q0301-02	DTC124EKA-X	DIGI.TRANSISTOR
Q0381-82	DTC124EKA-X	DIGI.TRANSISTOR
Q0384-87	DTC323TK-X	DIGI.TRANSISTOR
Q0453	2SC2412K/QR/-X	SI.TRANSISTOR
Q0454	DTC124EKA-X	DIGI.TRANSISTOR
Q0509	2SC2412K/QR/-X	SI.TRANSISTOR

IC

Symbol No.	Part No.	Part Name
IC0001	UPC1851BCU	I.C(MONO-ANA)
IC0151	NJM2150AD	I.C(MONO-ANA)
IC0371	BA15218N	I.C(MONO-ANA)
IC0381	TC4066BP/N/	I.C(DIGI-MOS)
IC0401	LA4485	I.C(MONO-ANA)
IC0501	CXA2089Q-X	I.C(MONO-ANA)

⚠ Symbol No.	Part No.	Part Name	Description	Local
OTHERS				
J0501	QNZ0454-001	PIN JACK		
J0502	QNN0349-001	PIN JACK		
J0503-04	QNN0348-001	PIN JACK		
W0003	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0011	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0031-33	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0050	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0085-87	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0099	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0109	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0115	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0117	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0142	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0148	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0151	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0154	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0158	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0162-64	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0170	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0172	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0176-80	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0184	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	
W0186-89	NRSA63J-0R0X	MG R	0.0Ω 1/16W J	

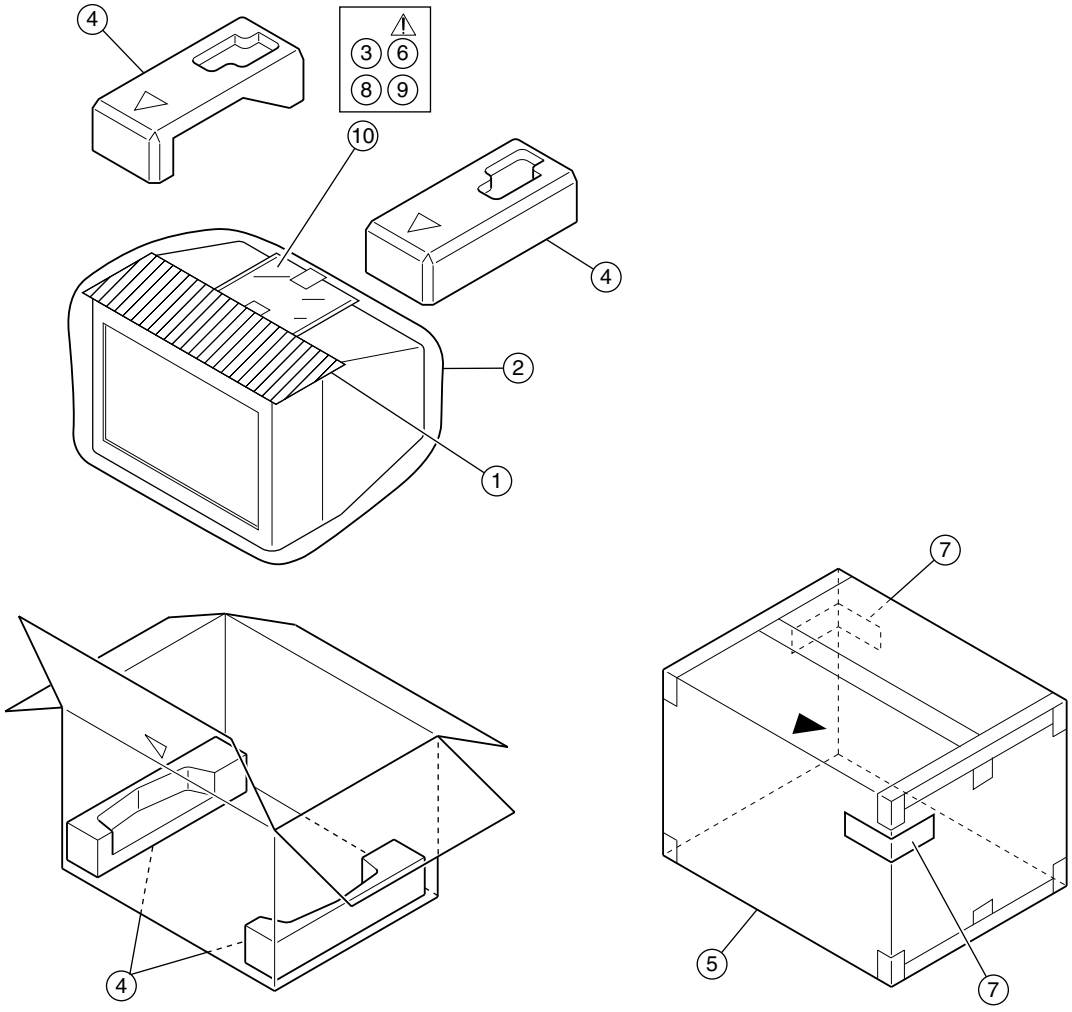
3D Y/C MODULE PW BOARD ASS'Y(SAC-0Y501A)

⚠ Symbol No.	Part No.	Part Name	Description	Local
OTHERS				
	SAC-0Y501A	3D Y/C MODILE		

REMOTE CONTROL UNIT PARTS LIST (RM-C301G-2A)

⚠ Ref.No.	Part No.	Part Name	Description	Local
	UR52EC1286C	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	CP30055-A02-A	TOP COVER		
	2	CP30056-004-A	POLY BAG		
	3	RM-C301G-2A	RC HAND UNIT	(AV-36F702)	
	3	RM-C303G-1A	RC HAND UNIT	(AV-36F802)	
	4	LC11157-002A-A	CUSHION ASSY	4pcs in 1set	
	5	LC10181-030A-A	PACKING CASE		
⚠	6	LCT0821-001E-A	INST BOOK	[ENGLISH]	
	7	CM36616-001-A	CORNER LABEL	2pcs in 1set	
	8	BT-51028-1Q	REGIST CARD		
	9	BT-52004-1Q	WARRANTY CARD		
	10	QPA02503505	POLY BAG		

JVC®

I'Art™

COLOR TELEVISION USER'S GUIDE

For models:

AV-36F802
AV-36F702
AV-32F802
AV-32F702
AV-27F802
AV-27F702

Illustration of AV-27F802 and RM-C301G

IMPORTANT NOTE TO THE CUSTOMER

In the spaces below, enter the model and serial number of your television (located at the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep this user's guide in a convenient place for future reference. Keep the carton and original packaging for future use.

Serial Number

Model Number

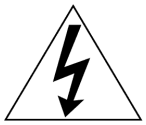
LCT0821-001E-A
0901-TN-FAA-JIM

IMPORTANT SAFETY PRECAUTIONS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To reduce the risk of electric shock.
Do not remove cover (or back).
No user serviceable parts inside.
Refer servicing to qualified service personnel.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS TV SET TO RAIN OR MOISTURE.

CAUTION: TO INSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1.Operate only from the power source specified on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid Improper installation and never position the unit where good ventilation is unattainable.
4. Do not allow objects or liquid into the cabinet openings.
5.In the event of trouble, unplug the unit and call a service technician.Do not attempt to repair it yourself or remove the rear cover.

Changes or modifications not approved by JVC could void the warranty.

* When you don’t use this TV set for a long period of time, be sure to disconnect both the power plug from the AC outlet and antenna for your safety.

* To prevent electric shock do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

IMPORTANT SAFEGUARDS

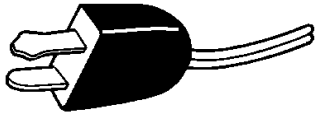
CAUTION:

Please read and retain for your safety.
Electrical energy can perform many useful functions. This TV set has been engineered and manufactured to assure your personal safety. But *improper use can result in potential electrical shock or fire hazards.* In order not to defeat the safeguards incorporated in this TVset, observe the following basic rules for its installation, use and servicing.
And also follow all warnings and instructions marked on your TV set.

INSTALLATION

1 Your TV set is equipped with a polarized AC line plug (one blade of the plug is wider than the other).

(POLARIZED-TYPE)



This safety feature allows the plug to fit into the power outlet only one way. Should you be unable to insert the plug fully into the outlet, try reversing the plug.
Should it still fail to fit, contact your electrician.

2 Operate the TVset only from a power source as indicated on the TV set or refer to the operating instructions for this information. If you are not sure of the type of power supply to your home, consult your TV set dealer or local power company.For battery operation, refer to the operating instructions.

3 Overloaded AC outlets and extension cords are dangerous, and so are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.

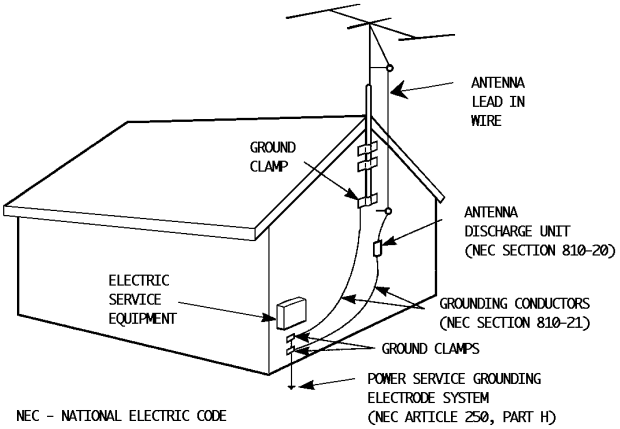
4 Do not allow anything to rest on or roll over the power cord, and do not place the TV set where power cord is subject to traffic or abuse. This may result in a shock or fire hazard.

5 Do not use this TV set near water — for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near swimming pool, etc.

6 If an outside antenna is connected to the TV set, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection requirements for the grounding electrode.

7 An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

EXAMPLE OF ANTENNA GROUNDING
AS PER NATIONAL ELECTRICAL CODE



8 TV sets are provided with ventilation openings in the cabinet to allow heat generated during operation to be released.
Therefore:
— Never block the bottom ventilation slots of a portable TV set by placing it on a bed, sofa, rug, etc.
— Never place a TV set in a “built-in” enclosure unless proper ventilation is provided.
— Never cover the openings with a cloth or other material.
— Never place the TV set near or over a radiator or heat register.

9 To avoid personal injury:
— Do not place a TV set on a sloping shelf unless properly secured.
— Use only a cart or stand recommended by the TVset manufacturer.
— Do not try to roll a cart with small casters across thresholds or deep pile carpets.
— Wall or shelf mounting should follow the manufacturer’s instructions, and should use a mounting kit approved by the manufacturer.

USE

10 Caution children about dropping or pushing objects into the TV set through cabinet openings. Some internal parts carry hazardous voltages and contact can result in a fire or electrical shock.

11 Unplug the TV set from the wall outlet before cleaning. Do not use liquid or an aerosol cleaner.

12 Never add accessories to a TV set that has not been designed for this purpose. Such additions may result in a hazard.

13 For added protection of the TV set during a lightning storm or when the TV set is to be left unattended for an extended period of time, unplug it from the wall outlet and disconnect the antenna.This will prevent damage to product due to lightning storms or power line surges.

14 A TVset and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV set and cart combination to overturn.

SERVICE

15 Unplug this TV set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A.When the power cord or plug is damaged or frayed.

B. If liquid has been spilled into the TV set.

C. If the TV set has been exposed to rain or water.

D. If the TV set does not operate normally by following the operating instructions. Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV set to normal operation.

E.If the TV set has been dropped or damaged in any way.

F. When the TV set exhibits a distinct change in performance — this indicates a need for service.

16 Do not attempt to service this TV set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

17 When replacement parts are required, have the service technician verify in writing that the replacement parts he uses have the same safety characteristics as the original parts. Use of manufacturer's specified replacement parts can prevent fire, shock, or other hazards.

18 Upon completion of any service or repairs to this TV set, please ask the service technician to perform the safety check described in the manufacturer's service literature.

19 When a TV set reaches the end of its useful life, improper disposal could result in a picture tube implosion.Ask a qualified service technician to dispose of the TV set.

20 Note to CATV system installer.
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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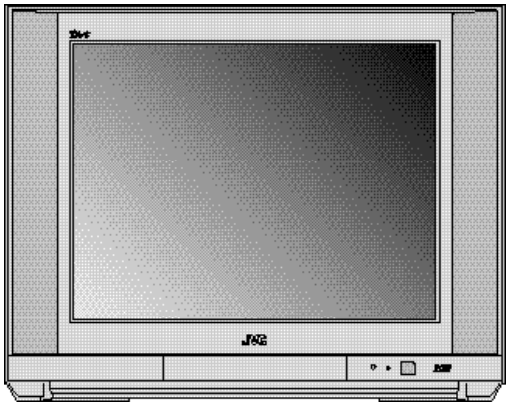
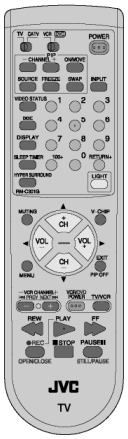
Unpacking Your Television

Thank you for your purchase of a JVC Color Television. Before you begin setting up your new television, please check to make sure you have all of the following items. In addition to this guide, your television box should include:

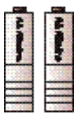
1 Television



1 Remote Control



Two AA Batteries



A matching TV stand is also available (optional).

Note: Your remote control may differ from the example illustrated here.

Once you have unpacked your television, the next step is to connect it to your antenna/cable or satellite system and to connect the audio/video devices you want to use with your television. To make these connections you will use plugs like the ones illustrated below.

RF Connectors

Used to connect a coaxial cable from an external antenna or Cable TV system.

A/V Input Plug

Used to connect audio/video devices like VCRs, DVD players, stereo amplifiers, game consoles, etc.

S-Video Plug

Used to make video connections with VCRs, DVDs, Camcorders, etc (optional).

AV Compu Link Cable

Used to connect JVC AV Compu Link capable components for an automated home theater.

We recommend that before you start using your new television, you read your entire User's Guide so you can learn about your new television's many great features. But if you're anxious to start using your television right away, a quick setup guide follows on the next three pages.

Quick Setup 1

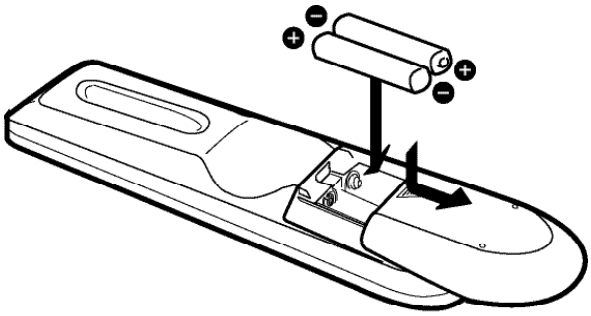
Getting Started

These quick setup pages will provide you, in three easy steps, with the basic information you need to begin using your new television right away. This information includes basic instructions on operating your remote control, making a simple cable/antenna and optional VCR connection and, finally, information on programming your television's Auto Tuner.

If you have questions, or for more detailed information on any of these steps, please consult other sections of this manual.

Step One - The Remote Control

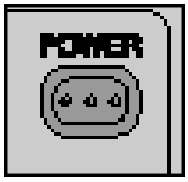
The remote control is the key to operating your television's many great features. Before you can operate your remote control, you first need to install the batteries (included).



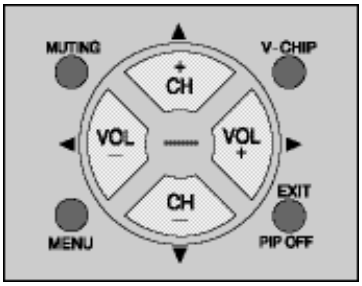
Slide the cover on the back of the remote down towards the bottom of the remote control. Insert two batteries (included) carefully noting the "+"and "–" markings, placing the "–"end in the unit first. Slide the cover back into place.

Basic Operation

Turn the television on and off by pressing the POWER button at the top right corner of the remote.



Power Button



Key Feature Buttons

The four key feature buttons at the center of the remote can be used for basic operation of the television.The top and bottom buttons will scan forward and back through the available channels. The right and left buttons will turn the volume up or down.These buttons are also marked with four arrows and are also used with JVC's onscreen menu system. You will need to use these buttons later in the Quick Setup.

The next step is to connect your television to an antenna or cable.

Proceed to Step Two ☞

Quick Setup 2

Step Two - Making Basic Connections

Next you will need to connect your television to an antenna or cable system. The most basic antenna/cable connection is shown below. For more detailed connections, such as ones where a cable box is required, see pages 11 to 13.

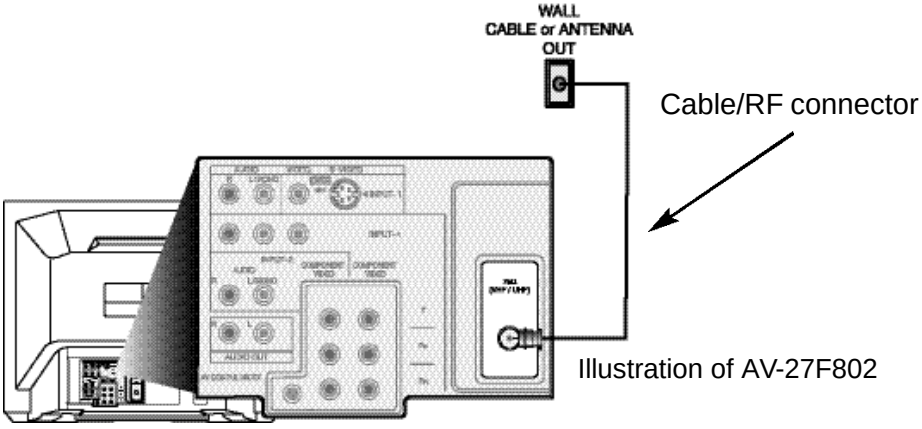


Illustration of AV-27F802

1) Connect an RF cable out from the wall outlet in to the RF Input on the back of the TV.

You may also wish to connect a VCR at this point. A basic VCR connection is shown below. For detailed instructions on connecting a other components or a home theater system, see pages 14 to 16.

NOTE: A VCRis not required to operate your television.

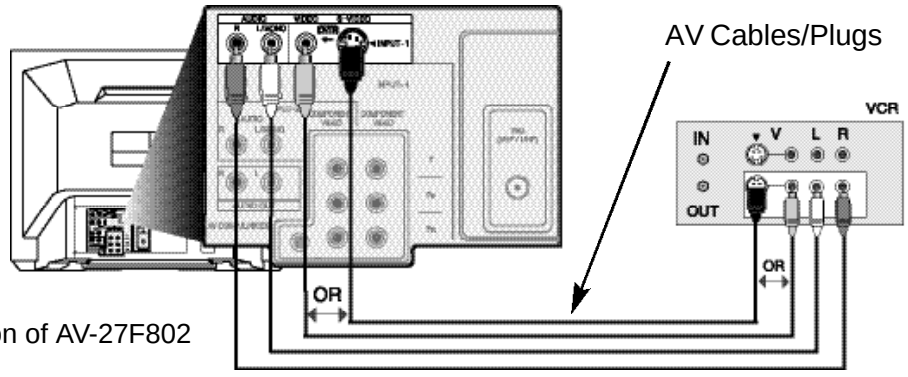


Illustration of AV-27F802

1) Connect the yellow video cable out from the VCR's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the VCR's S-Video output, to the TV's S-Video input.
2) Connect the white audio cable out from the VCR's Left Audio Output, in to the TV's Left Audio Input Jack.
3) Connect the red audio cable out from the VCR's Right Audio Output, in to the TV's Right Audio Input jack.

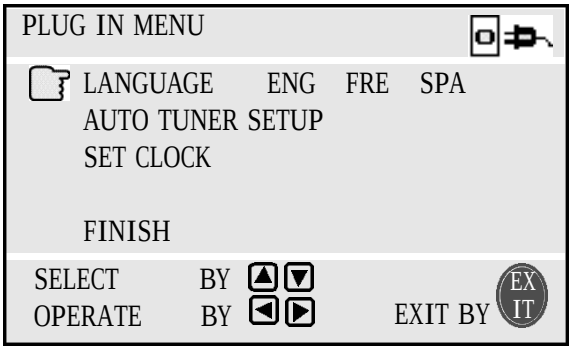
Finally, once you have finished your connections, plug the power cord into the nearest power outlet and turn on the television.

Proceed to Step Three ☞

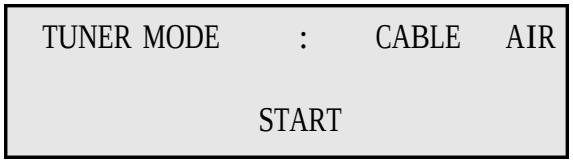
Quick Setup 3

Step Three - The Plug In Menu

When you turn your television on for the first time the Plug In Menu will appear. This menu sets some of the basic settings for your television. A complete description of the Plug In Menu can be found starting on page 22. We recommend you complete the Plug In Menu items before you start using your television. But to begin watching your television right away you only need to run the Auto Tuner Setup. This lets your television learn the channels it is able to receive. To run the Auto Tuner Setup follow the steps below.

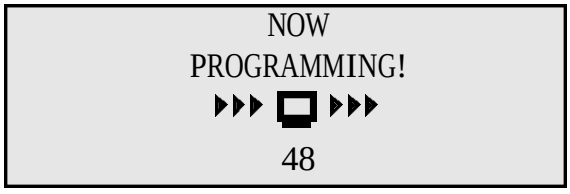


Press the ▲▼ buttons to move to AUTO TUNER SETUP
Press the ◀▶ buttons to begin AUTO TUNER SETUP



◀▶ To choose CABLE (if you are connected to a cable system) or AIR (if you use an antenna)
▲▼ To move to START
◀▶ To start Auto Tuner Setup

The Auto Tuner will now memorize all of the clear, active channels your television can receive. This will take one or two minutes.



The Auto Tuner is finished when the message PROGRAMMING OVER! appears onscreen.

Your Quick Setup is now complete. You can now begin watching your television, or you can continue on in this guide for more information on connecting audio/video devices, programming your remote control, or using the JVC onscreen menu system to customize your television viewing experience.

The Quick Setup is complete

Cable and VCR Connections

There are three basic types of antenna or cable connections:

- If you have an antenna or have a cable system that does not require you use a cable box to select channels, please refer to **Diagram #1**.
- If you have a cable system that requires the use of a cable box to access all the chan- nels, please refer to **Diagram #2**. If you cannot operate your Picture-In-Picture function using **Diagram #2**, try the connection shown in **Diagram #3**. It is possible yo cable box allows the signal of only one channel at a time to be sent to your television.
- If you have a cable system that requires the use of a cable box to access certain premium channels, but not “basic”cable channels, please refer to **Diagram #3**.
- For your convenience, connection to a VCR is also shown in the following diagrams. *A VCR is not necessary for operation of the television or Picture-In-Picture (PIP) function*. You may omit the VCR from your connections if you wish.
- For instructions on connecting a VCR only, please see the Quick Setup on page 9.
- For information on using PIP, please see page 44.
- **The PIP feature is available on models AV-36F802, AV-32F802 and AV-27F802 only.**

Diagram #1

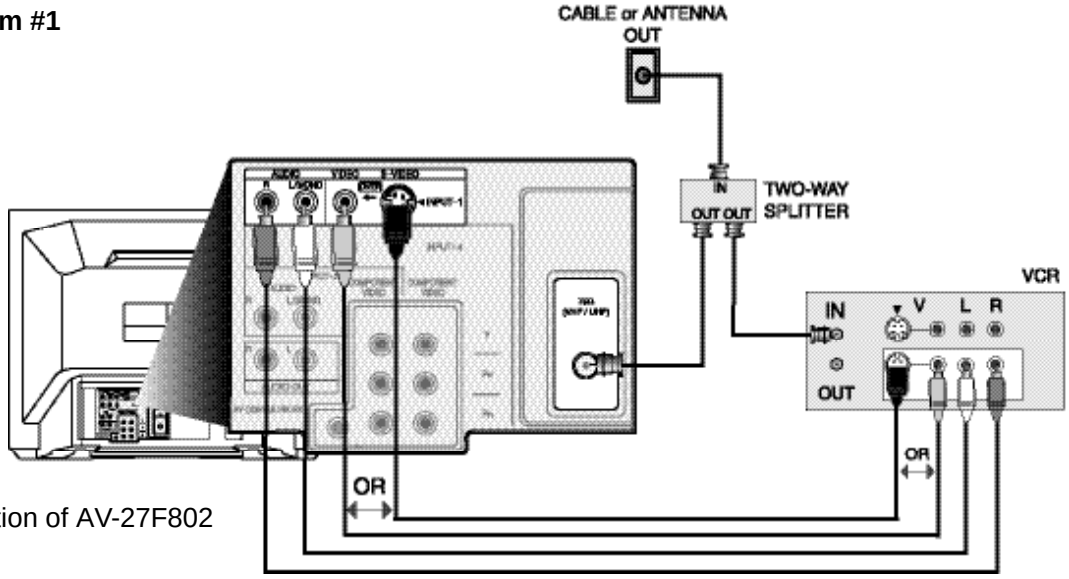


Illustration of AV-27F802

1) Connect the antenna or cable TV wire from the wall outlet, in to the RF Input of the two-way splitter.
2) Connect an RFcable from the one of the RF Outputs on the splitter, in to the RF Input on the back of the VCR.
3) Connect an RFcable from the other the RFOutput on the splitter, in to the RF Input on the back of the TV.
4) Connect the yellow video cable out from the VCR’s Video Output, in to the TV’s Video Input jack, **OR** connect an S-Video cable from the VCR’s S-Video output, to the TV’s S-Video input.
5) Connect the white audio cable out from the VCR’s Left Audio Output, in to the TV’s Left Audio Input Jack.
6) Connect the red audio cable out from the VCR’s Right Audio Output, in to the TV’s Right Audio Input jack.

- If your VCRis a mono sound unit, it will have only one Audio Out jack. Connect it to the TV’s Left Audio Input.
- Please consult your VCR’s owner’s manual for more information on its operation.

Connections

Cable and VCR Connections - Continued

Diagram #2

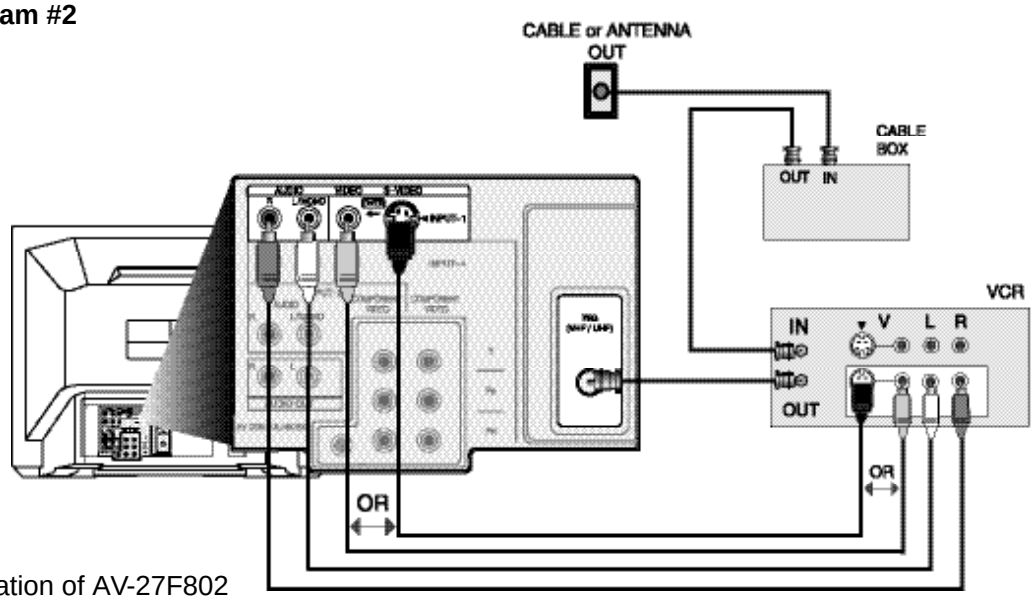


Illustration of AV-27F802

1) Connect the antenna or cable TV wire from the wall outlet, in to the RFInput of the cable box.
2) Connect an RF cable from the RFOutput of the cable box, in to the RFInput on the back of the VCR.
3) Connect an RF cable from the RF Output of the VCR, in to the RF Input on the back of the TV.
4) Connect the yellow video cable out from the VCR's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the VCR's S-Video output, to the TV's S-Video input.
5) Connect the white audio cable out from the VCR's Left Audio Output, in to the TV's Left Audio Input Jack.
6) Connect the red audio cable out from the VCR's Right Audio Output, in to the TV's Right Audio Input jack.

- Please see page 44 for information on using the PIP feature with a Cable Box.
- If your VCRis a mono sound unit, it will have only one Audio Out jack. Connect it to the TV's Left Audio Input.
- Please consult your VCR's owner's manual for more information on its operation.

Cable and VCR Connections - Continued

Diagram #3

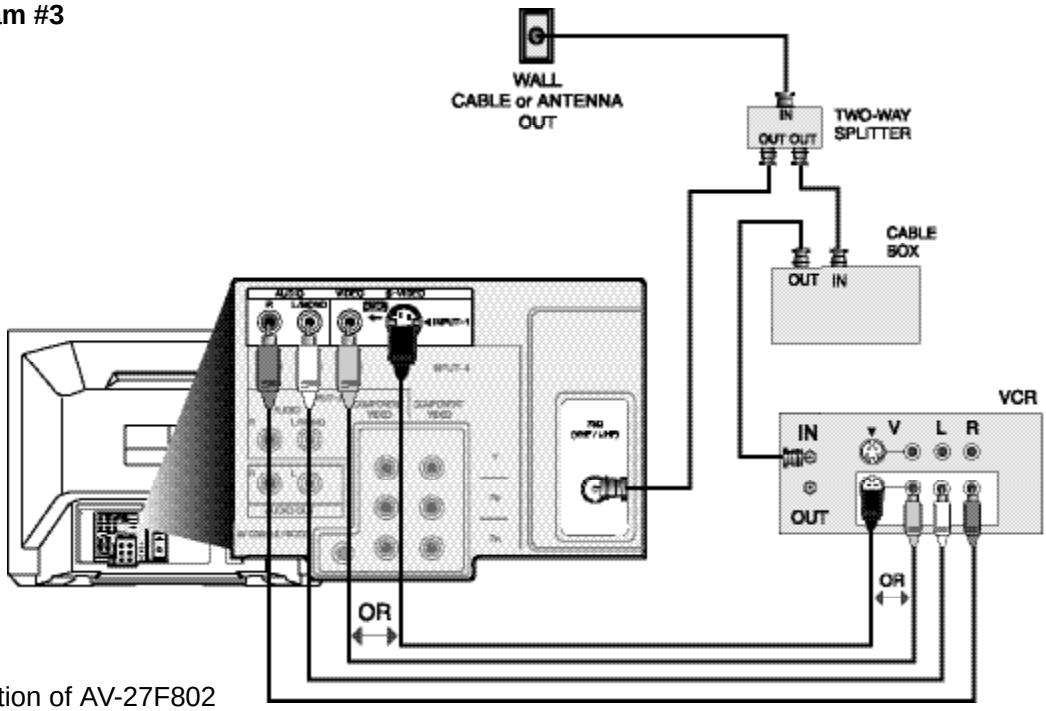


Illustration of AV-27F802

1) Connect the antenna or cable TV wire from the wall outlet, in to the RF Input of the two-way splitter.
2) Connect an RFcable from the one of the RFOutputs on the splitter, in to the cable box RF Input.
3) Connect an RF cable from the Cable Box Output, in to the VCR RF Input.
4) Connect an RFcable from the other the RFOutput on the splitter, in to the RF Input on the back of the TV.
5) Connect the yellow video cable out from the VCR's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the VCR's S-Video output, to the TV's S-Video input.
6) Connect the white audio cable out from the VCR's Left Audio Output, in to the TV's Left Audio Input jack.
7) Connect the red audio cable out from the VCR's Right Audio Output, in to the TV's Right Audio Input jack.

- Please see page 44 for information on using the PIP feature with a Cable Box.
- If your VCRis a mono sound unit, it will have only one Audio Out jack. Connect it to the TV's Left Audio Input.
- Please consult your VCR's owner's manual for more information on its operation.

The connection diagrams are intended to show some basic general connections. Some cable companies may require special connections to properly use your television or 2-tuner PIP function. If you follow these diagrams and either the television or PIPdoes not work properly, contact your local cable operator for more connection information. Please see page 44 for more information on the PIP feature.

Connections

Connecting to a DVD player

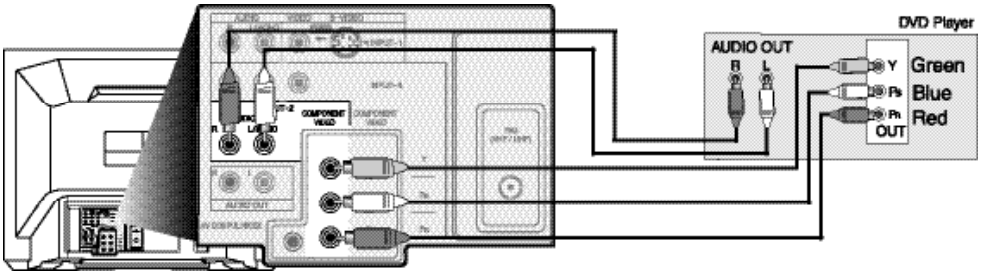


Illustration of AV-27F802

1) Connect Green cable out from DVD player "Y"Component Output, in to TV"Y" Component Input.
2) Connect Blue cable out from DVDplayer "P_B" Component Output, in to TV "P_B" Component Input.
3) Connect Red cable out from DVD Player "P_R" Component Output, in to TV "P_R" Component Input.
4) Connect White Audio cable out from DVDLeft Audio Output, in to TV Left Audio Input 2.
5) Connect Red Audio cable out from DVDRight Audio Output, in to TVRight Audio Input 2.

- Green, blue and red are the most common colors for DVD cables. Some models may vary colors. Please consult the user's manual for your DVD Player for more information.
- Be careful not to confuse the red DVD cable with the red audio cable. It is best to complete one set of connections (DVDor Audio Output) before starting the other to avoid accidentally switching the cables.
- See page 20 for instructions on programming your remote control to operate the basic functions of your DVD player.
- **AV-36F802, AV-32F802 & AV-27F802:** You may also connect the DVD player to Input 4. If you use Input 4 for the DVD connection, you must set the V4 COMPONENT-IN on the initial Setup Menu to "YES" for proper display of the DVD signal.
- **AV-36F702, AV-32F702 & AV-27F702:** If you use Input 2 (Component-In) for the DVDconnection, you must set the V2 COMPONENT-IN on the initial Setup Menu to "YES" for proper display of the DVD signal.

NOTE: Progressive DVDPlayers (players with an output scan of 31.5 KHz) will not work properly with this television.

Connecting to an External Amplifier

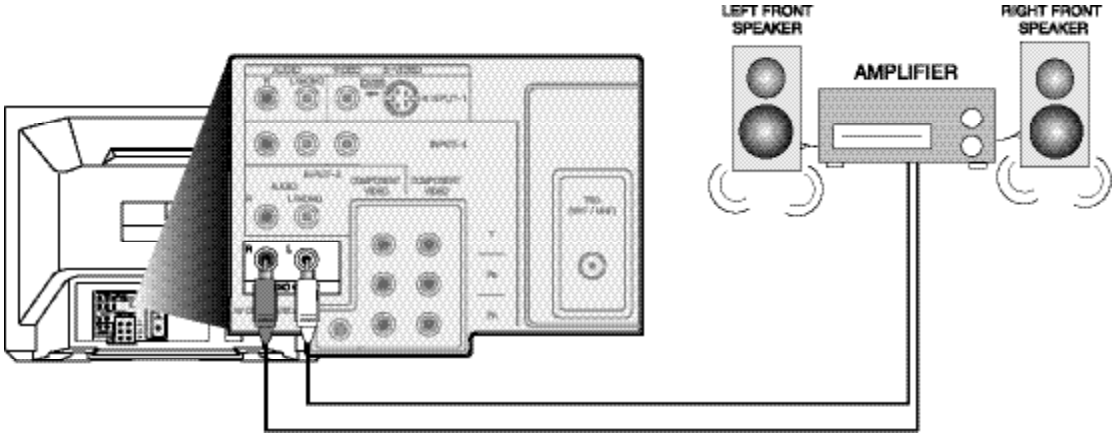


Illustration of AV-27F802

1) Connect the white audio cable from the TV's Left Audio Output jack to the Amplifier's Left Audio Input jack.
2) Connect the red audio cable from the TV's Right Audio Output jack to the Amplifier's Right Audio Input jack.

• See also "TV Speaker" and "Audio Out"on page 38 for more information on using external speakers.

Connecting to a Camcorder

You may connect a camcorder to your television by using the front Input Jacks (Input 3) located under the front panel door. To access, press lightly on the door to open it. You may also connect a game console or other equipment using these jacks. Camcorders may also be connected to the television's rear input jacks.

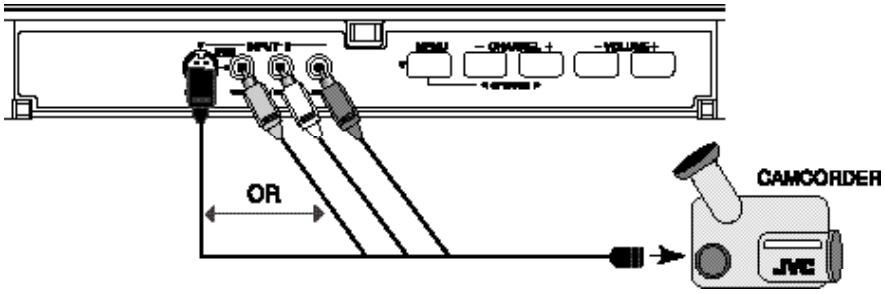


Illustration of AV-27F802

1) Connect the yellow video cable out from the Camcorder's Video Output, in to the TV's Video Input jack, **OR** connect an S-Video cable from the Camcorder's S-Video output, to the TV's S-Video Input.
2) Connect the white audio cable out from the Camcorder's Left Audio Output, in to the TV's Left Audio Input jack.
3) Connect the red audio cable out from the Camcorder's Right Audio Output, in to the TV's Right Audio Input jack.

• If your Camcorder is a mono sound model it will have only one audio jack. Connect it to the TV's Left Audio jack.

Connections

Connecting to JVC AV Compu Link

JVC's AV Compu Link feature makes playing video tapes or DVDs totally automatic. Simply insert a pre-recorded tape into your JVC-brand VCR or DVD into your JVC DVD player and the device will automatically turn on and begin playback. At the same time, using the AV Compu Link, the VCR or DVD player sends a signal to the television telling it to turn on and switch to the proper video input.

- The AV Compu Link cable may be included with the JVC AV Compu Link accessory you wish to connect. If it is not, contact an authorized JVCService Center for part # EWP 805-012.
- AV Compu Link can only be used with JVC-brand products.

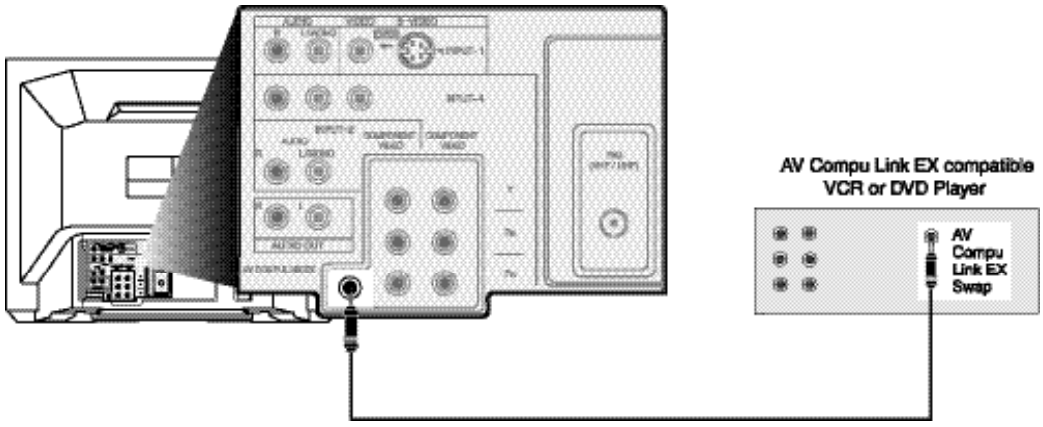


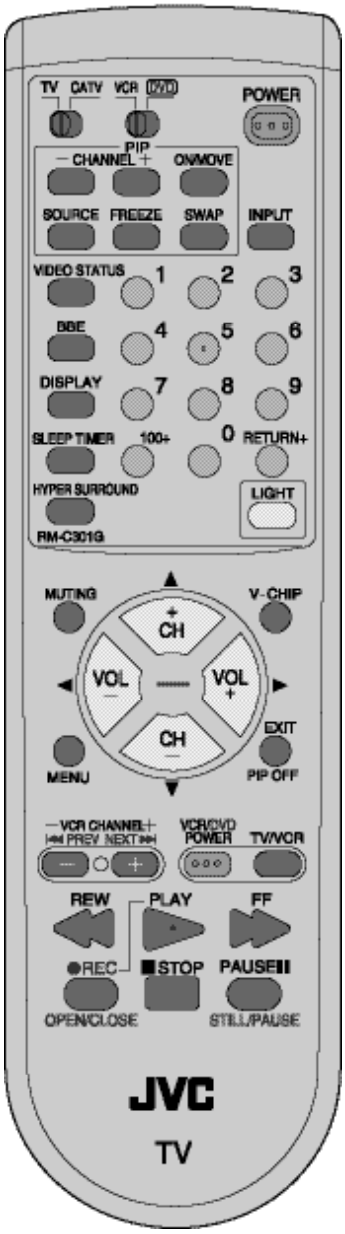
Illustration of AV-27F802

To Connect: Plug one end of the AV Compu Link cable into the AV Compu Link input on your VCR, DVD, or other Compu Link device. Plug the other end of the AV Compu Link cable into the AV Compu Link input at the rear of the television.

NOTE:

- In order for the VCR playback to begin automatically, the recording tabs must be remove from the VHS tape. If the tab is in place, automatic switching will occur when you push the VCR's PLAY button.
- The AV Compu Link cable has a male 3.5 mm (mono) plug on each end.
- If your JVC-brand VCR has "A Code/B Code Remote Control Switching"(see your VCR's instruction book), using VCR A Code will switch the TV to input 1.
- To connect a JVC HiFi receiver or amplifier for a completely automated home theater, see the HiFi's connection instructions for detailed connection information.
- AV COMPU LINK EX is compatible with the following receivers:RX-664V, RX-665V, RX-668VBK, RX-774V, RX-778VBK, RX-884V, RX-888VBK, RX-1024V, RX-1028VBK, and later receiver models.

Remote Control



Remote Control Basics

- Before you can operate the remote control, you must first install the batteries (included). See "Changing the Batteries" at the bottom of this page for instructions. (For an illustration, please see page 8.)
- Press the POWER button to turn the television on or off.
- Make sure the TV/CATV switch is set to TV. Move the switch to CATV only if you need to operate a cable box.
- Slide the VCR/DVD selector switch to VCR to control a VCR, slide to DVD to control a DVD player. Please see pages 18 to 20 for instructions on programming your remote control to operate a Cable box, VCR or DVD player.
- Press the CH+ and CH– buttons to scan through the channels. Tap the CH+ or CH– button to move through the channels one channel at a time.
- To move rapidly through the channels using JVC's **Hyperscan** feature, press and hold CH+ or CH–. The channels will zip by at a rate of five channels per second.
- Press VOL+ or VOL– to raise or lower the volume. An indicator bar will appear onscreen to show you the television volume level.
- The CH+/– and VOL+/– buttons are also used to navigate JVC's onscreen menu system.
- You can directly access specific channels using the 10-key pad.
- For more information on remote control button features, see pages 40 to 45. For information on using the onscreen menus, see page 21.

NOTE: Remote control model RM-C301G is shown at the left. A different model remote control may have come with your television.

Changing the Batteries

Push down on the remote's back cover and slide towards the bottom to remove it.

Insert two AA batteries (supplied), carefully noting the "+" and "–" markings on the batteries and on the remote control. To avoid a potential short circuit, insert the "–" end first. Be sure to use only size AA batteries.

When batteries are installed, slide the cover back into place (until it clicks into position).

- If the remote control acts erratically, replace the batteries. Typical battery life is six months to one year. We recommend using alkaline batteries for longer battery life. When you change the batteries, try to complete the task within three minutes. If you take longer than three minutes, the remote control codes for your VCR, DVD, and/or Cable Box may have to be reset (see pages 18-20).

Remote Programming

Setting the CATV, VCR and DVD Codes

You can program your remote to operate your cable box, satellite receiver, VCR or DVD player by using the instructions and codes listed below. If the equipment does not respond to any of the codes listed below or to the code search function, use the remote control supplied by the manufacturer.

Cable Box or Satellite codes

The remote control is programmed with CATV and/or Satellite codes for power on, power off, channel up, channel down, and 10 key operation.

1) Find the CATV/Satellite brand from the list of codes shown below.
2) Slide the 2-way selector switch to "CATV".
3) Press and hold down the DISPLAY button.
4) With the DISPLAY button held down, enter the first code number listed using the 10 key pad.
5) Release the DISPLAY button.
6) Confirm the operation of the Cable Box/Satellite receiver.

- If your CATVor Satellite box does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function, on page 50.

Cable Box	CODES
ABC	024
Archer	032, 025
Cableview	051, 032
Citizen	022, 051
Curtis	058, 059
Diamond	024, 032, 025
Eagle	029
Eastern	034
GC Brand	032, 051
Gemini	022, 043
General Instrument	065, 024, 025, 026, 027, 020, 021, 022, 057, 023
Hamlin	040, 041, 042, 045, 058, 064
Hitachi	049, 024
Jerrold	065, 024, 025, 026, 027, 020, 021, 022, 057, 023
Macom	049, 050, 051, 054
Magnavox	033
Memorex	030
Movietime	032, 051
Oak	039, 037, 048
Panasonic	055, 056, 060, 071
Paragon	063
Philips	028, 029, 030, 052, 053, 031, 069
Pioneer	047, 062
Pulsar	051, 032

Cable Box	CODES
Puser	032
RCA	061, 070
Realistic	032
Regal	058, 064, 040, 041, 042, 045, 068
Regency	034
Rembrandt	037, 032, 051, 038
Samsung	051
Scientific Atlanta	057, 058, 059
SLMark	051, 047
Sprucer	051, 056
Stargate	032, 051
Telecaption	067
Teleview	047, 051
Texscan	044
Tocom	035, 036, 066
Toshiba	050
Unika	032, 025
Universal	022, 032
Videoway	052
Viewstar	029, 030
Zenith	063, 046
Zenith/Drake Satellite	046

Digital Satellite Systems	CODES
Echostar	100, 113, 114
Express VU	100, 113
G.E.	106
G.I.	108
Gradiente	112
Hitachi	104, 111
HNS (Hughes)	104
Panasonic	105
Philips	102, 103
Primestar	108
Proscan	106, 109, 110
RCA	106, 109, 110
Sony	107
Star Choice	104, 108
Toshiba	101
Uniden	102, 103

VCR codes

The remote control is programmed with VCR codes for power on, power off, play, stop, fast-forward, rewind, pause, record, channel up, and channel down operation.

1) Find the VCR brand from the list of codes shown below.
2) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “VCR”.
3) Press and hold down the DISPLAY button.
4) With the DISPLAY button held down, enter the first code number listed with the 10 key pad.
5) Release the DISPLAY button.
6) Confirm the operation of the VCR.

- If your VCR does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function, on page 50.
- Some manufacturer’s VCR’s may not respond to the TV/VCR button, even if other buttons work properly.
- To record, hold down the REC button on the remote and press PLAY.

VCRs	CODES
Admiral	035
Aiwa	027, 032, 095
Akai	029, 072, 073, 074
Audio Dynamic	003, 005
Bell & Howell	063, 071
Broksonic	020, 026, 094
Canon	023, 025
CCE	043
Citizen	064
Craig	063, 029, 064
Curtis Mathes	045, 024, 027, 093
Daewoo	043, 059, 024, 092
DBX	003, 004, 005
Dimensia	045, 093
Emerson	043, 026, 077, 061, 025, 042, 020, 076
Fisher	063, 066, 067, 065, 071, 091
Funai	027, 026, 020, 000
G.E.	033, 045, 024
Go Video	037, 051, 049, 050, 089
Goldstar	064
Gradiente	083, 084, 081, 000, 001
Hitachi	023, 045, 058, 027, 081, 093
Instant Replay	024, 023
Jensen	003
JVC	000, 001, 002, 003, 004, 005
Kenwood	003, 004, 064, 005
LXI	027, 064, 058, 065, 066, 063, 067
Magnavox	031, 023, 024, 086
Marantz	003, 004, 005
Marta	064
Memorex	024, 067
MGA	038, 040, 047, 048, 041, 042
Minolta	058, 045, 093
Mitsubishi	038, 040, 047, 048, 041, 042, 078, 090
Multitech	047, 027, 062
NEC	003, 004, 005, 000
Olympic	024, 023
Optimus	028, 021, 035, 064
Orion	026, 020
Panasonic	023, 024, 021, 022
Penney	024, 058, 045, 063, 003, 004, 005, 093
Pentax	058, 005, 045, 093
Philco	031, 024, 027, 023, 026, 020, 043
Philips	031, 023, 024, 086
Pioneer	023
Proscan	045, 058, 023, 024, 031, 046, 059, 060, 033, 087, 093
Quasar	021, 022, 023, 024
Radio Shack	033, 024, 063, 036, 067, 040, 027
RCA	033, 045, 058, 023, 024, 031, 046, 059, 060, 083, 084, 085, 087, 093
Realistic	024, 063, 036, 067, 040, 027
Samsung	037, 060, 062, 033, 089
Samtron	089
Sansui	003, 026, 020, 052
Sanyo	063, 067, 091, 071
Scott	059, 060, 062, 067, 038, 040, 047, 048, 026, 020
Sears	063, 064, 065, 066, 058, 000, 001
Shintom	075
Sharp	035, 036, 080, 088
Signature 2000	027, 035
Singer	075
Sony	028, 029, 030, 053, 054, 055
SV 2000	027
Sylvania	031, 023, 024, 027
Symphonic	027, 081
Tashiro	064
Tatung	003, 004, 005
Teac	003, 004, 027, 005
Technics	021, 022, 023, 024
Teknika	024, 027, 070
Toshiba	059, 046, 079
Vector Research	005
Wards	035, 036, 067, 044, 064
Yamaha	063, 003, 004, 005
Zenith	044, 082, 064, 094

Remote Programming

DVD codes

The remote control is programmed with DVD codes for power on, power off, play, stop, fast-forward, rewind, previous chapter, next chapter, tray open/close, and still/pause operation.

1) Find the DVD player brand from the list of codes shown below.
2) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “DVD”.
3) Press and hold down the DISPLAY button.
4) With the DISPLAY button held down, enter the first code number listed with the 10 key pad.
5) Release the DISPLAY button.
6) Confirm the operation of the DVD player.

- If your DVD player does not respond to the first code, try the others listed. If it does not respond to any code, try the Search Codes Function, on page 50.
- After you program your remote, some DVD buttons may not work properly. If some buttons do not work properly, use the remote control which came with your DVD player.

DVD Player	CODES	DVD Player	CODES
Aiwa	043	Raite	033
Apex	040	RCA	021, 026
Denon	020, 037	Sampo	034
Hitachi	030, 031	Samsung	030
JVC	000	Sharp	028
Kenwood	035	Silvania	038
Konka	039	Sony	024, 045, 046, 047
Mitsubishi	025		
Onkyo	041	Technics	020
Oritron	044	Toshiba	023
Panasonic	020	Wave	042
Philips	023, 036	Yamaha	020
Pioneer	022	Zenith	027, 032

Using the Guide

Certain symbols are used throughout this guide to help you learn about the features of your new television. The ones you will see most frequently are:

▲▼ Up and Down arrows mean press the CH+ or CH– buttons. Pressing the CH+ or CH– buttons let you:

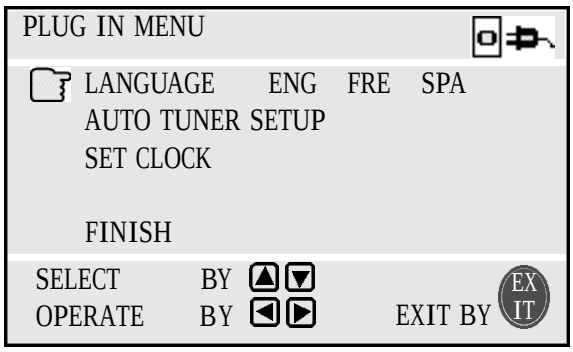
- Move vertically in a main menu screen
- Move through a submenu screen
- Move to the next letter, number, or other choice in a submenu
- Back up to correct an error
- Scan through TVchannels (when not in a menu screen)

◀▶ Left and right arrows mean press the VOLUME+ or VOLUME– buttons to move left or right to:

- Select a highlighted menu item
- Select an item in a submenu
- Select numbers in certain menu options
- Turn the volume up or down (when not in a menu screen)

The "Press Button" icon means you should press the button named on your remote control. (Button names appear in SMALL CAPITAL LETTERS.)

The "Helping Hand"icon points to the highlighted or selected item in a menu.



The Onscreen Menus

To bring up the onscreen menu, press the MENU button on the remote control. The item that appears in yellow is the one currently selected. If you press the MENU button again, the onscreen display will skip to the next menu screen. If you use the Menu button on the TV's front panel instead of the remote, an additional menu screen showing channel number and input will appear. The "Plug In Menu"will appear the first time the TV is plugged in.

NOTE: Menus shown in this book are illustrations, not exact replications of the television's onscreen displays.

Plug In Menu

Introduction

The Plug In Menu comes up automatically when you first turn on the TV after plugging it in. The Plug In Menu helps you to get your TV ready to use by letting you set your preferences for:

- The Language in which you want the onscreen menus to appear,
- The Auto Tuner Setup of which channels you wish to receive,
- Setting the TV's clock to the correct time so your timer functions will work properly.

Descriptions of each of the Plug In Menu features appear on this page and the next. We recommend you complete the Plug In Menu setup first so your TV is set up just the way you want, right away.

Language

You can choose to view your onscreen menus in three languages:English, French, or Spanish.

Press the MENU button

▲▼ To LANGUAGE

◀▶ To choose a language

- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Auto Tuner Setup

In Auto Tuner Setup, the TV automatically scans through all available channels, memorizing the active ones and skipping over blank ones or channels with weak signals. This means when you scan (using the CHANNEL +/– buttons) you will receive only clear, active channels.

Press the MENU button

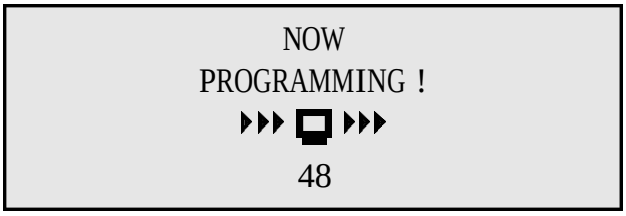
▲▼ To AUTO TUNER SETUP

◀▶ To operate

◀▶ To choose CABLEor AIR

▲▼ To move to START

◀▶ To start Auto Tuner Setup



Programming will take approximately 1 to 2 minutes.

- Noise Muting will not work during Auto Tuner Setup.
- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Auto Clock Set

Before you use any of your TV's timer functions, you must first set the clock. You may precisely set your clock using the XDS time signal broadcast by most Public Broadcastingstations.To set the clock using the XDS signal:

Enter the channel number of your local PBS station

Press MENU

▲▼ To SETCLOCK

◀▶ To operate

◀▶ To AUTO

MODE	AUTO	MANUAL
TIME ZONE		EASTERN
D.S.T.	ON	OFF
	FINISH	

▲▼ To TIME ZONE

◀▶ To select your time zone

ATLANTIC ◀▶ EASTERN ◀▶ CENTRAL ◀▶ MOUNTAIN ◀▶ HAWAII ◀▶ ALASKA ◀▶ PACIFIC

▲▼ To move to Daylight Savings Time (D.S.T.)

◀▶ To turn D.S.T. ON or OFF

▲▼ To FINISH

◀▶ To save settings and exit

- If you do not have a PBS station in your local area, you will have to set the clock manually. See 'Manual Clock Set'on the next page for instructions.
- The Daylight Savings Time feature automatically adjusts your TV's clock for Daylight Savings. The clock will move forward one hour at 2:00 am on the first Sunday in April.The clock will move back one hour at 2:00 am on the last Sunday in October.
- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Plug In Menu

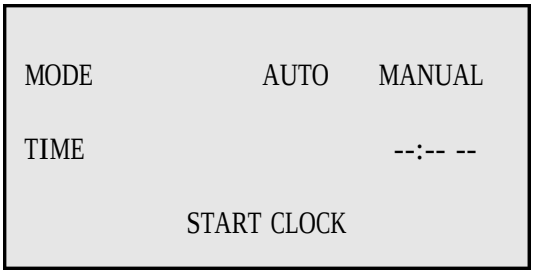
Manual Clock Set

To set your clock manually (without using the XDS signal), choose MANUAL from the Set Clock menu and follow the steps below.

▲▼ To SET CLOCK

◀▶ To operate

◀▶ To MANUAL



▲▼ To move to the hour

◀▶ To set the hour

▲▼ To move to minutes

◀▶ To set the minutes

▲▼ To move to START CLOCK

◀▶ To start clock and exit

- You will not need to press the MENU button to enter this screen from the Plug In Menu.

Finish

Once you have the items in the Plug In Menu set to your personal preferences, move to the Finish option to save your settings.

▲▼ To FINISH

◀▶ To save settings and exit

- You can change the preferences you set in the Plug In Menu at any time using the regular JVC onscreen menu system.

NOTE:

You will have to reset the clock after a power interruption. You must set the clock before operating any timer functions.

Channel Summary

Channel Summary allows you to customize the line-up of channels received by your TV. You can add or delete channels from the line-up or prevent any unauthorized viewers from watching any or all 181 channels.

Press the MENU button

▲▼ To CHANNEL SUMMARY

◀▶ To operate

CHNO.	SCAN		CHNO.	SCAN	
01			06	✓	
02	✓		07		
03	✓		08		
04	✓		09	✓	
05	✓		10	✓	

The Channel Summary screen (above) will now be displayed with the channels set to scan marked with an "✓". You can delete channels from the scan by removing the "✓". If any channels were missed during Auto Tuner Setup and you wish to add them, you may by placing an "✓" next to the channel number.

▲▼ To the SCAN column

◀▶ To include or delete from scan

EXIT when finished

You can block access to a channel by activating the Channel Lock.

▲▼ To CHANNELSUMMARY

◀▶ To operate

▲▼ To the Lock Column

ZERO to lock or unlock that channel

EXIT when finished

Channel Guard Message

When a viewer attempts to watch a guarded channel, the following message appears:

```
THIS CHANNEL IS LOCKED BY
CHANNEL GUARD.
PLEASE ENTER LOCK CODE BY
10 KEY PAD TO UNLOCK IT.
              NO. - - - -
```

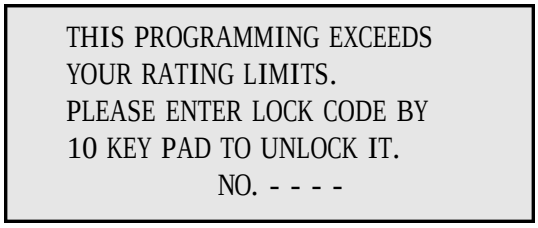
To watch a channel that you have locked, enter the Lock Code using the 10 key pad. If the wrong code is entered, the message "INVALIDLOCK CODE!"will flash on the screen:

The channel cannot be accessed until the correct code is entered.

- Once a channel has been unlocked, it will remain unlocked until the television is turned off.
- See also "Set Lock Code", page 33.

V-Chip

Your TV is equipped with V-Chip technology which enables TV Parental Guidelines (for United States and Canada) and Movie (MPAA) Guideline controls. V-Chip technology allows you to program your TV to receive, or not to receive, programs based on content according to the guidelines. Programs which exceed the ratings limits you set will be blocked. When a viewer attempts to watch a blocked channel, this message appears:



The channel will remain blocked until the correct lock code is entered (see page 33 for information on setting your lock code).

You can customize the V-Chip settings of your television to match your personal tastes. The V-Chip menu below is the starting point for your V-Chip settings.

You can use US V-Chip settings (for programming broadcast from the United States), Canadian V-Chip settings (for programming broadcast from Canada), and movie ratings. You may use any or all of the settings (US V-Chip, Canada V-Chip, Movie ratings). Descriptions for setting each of the three V-Chip formats appear in the next seven pages along with descriptions of the rating categories.

To access the rating categories:

- Press the MENU button
- ▲▼ To V-CHIP
- ◀▶ To operate (Lock icon will appear)
- Press ZERO to access the V-Chip menu
- ◀▶ To turn V-Chip ON or OFF (V-Chip must be turned ON for rating settings to operate)
- ▲▼ To move to SET US TV RATINGS, SETMOVIE RATINGS, or SET CANADIAN RATINGS (see following pages for descriptions of each item)

Special Note about Ratings

Some programs are not broadcast with a ratings signal. Therefore, even if you setup V-Chip ratings limits, these programs will not be blocked. Parents are cautioned to preview the contents of these programs or movies.

US V-Chip Ratings

U.S. PARENTAL RATING SYSTEMS
Programs with the following ratings are appropriate for children.

- ❒ **TV Y is Appropriate for All Children.**
  Programs are created for very young viewers and should be suitable for all ages, including children ages 2 - 6.
- ❒ **TV Y7 is for Older Children.**
  Most parents would find such programs suitable for children 7 and above. These programs may contain some mild fantasy violence or comedic violence, which children should be able to discern from reality.

Programs with the following ratings are designed for the entire audience.

- ❒ **TV G stands for General Audience.**
  Most parents would find these programs suitable for all age groups. They contain little or no violence, no strong language, and little or no sexual dialog or situations.
- ❒ **TV PG Parental Guidance Suggested.**
  May contain some, but not much, strong language, limited violence, and some suggestive sexual dialog or situations. It is recommended that parents watch these programs first, or with their children.
- ❒ **TV 14 Parents Strongly Cautioned.**
  Programs contain some material that may be unsuitable for children under the age of 14 including possible intense violence, sexual situations, strong coarse language, or intensely suggestive dialog. Parents are cautioned against unattended viewing by children under 14.
- ❒ **TV MA Mature Audiences Only.**
  These programs are specifically for adults and may be unsuitable for anyone under 17 years of age. TV MA programs may have extensive V, S, L, or D.

Viewing Guidelines

In addition to the ratings categories explained above, information on specific kinds of content are also supplied with the V-Chip rating. These types of content may also be blocked. The content types are:

- **V/FV** is for VIOLENCE/FANTASY VIOLENCE
- **S** stands for SEXUALCONTENT
- **L** stands for strong LANGUAGE
- **D** stands for suggestive DIALOG

V-Chip

Setting US V-Chip Ratings

Press the MENU button

▲▼ To V-CHIP

◀▶ To operate (Lock icon will appear)

Press ZERO to access the V-Chip menu

```
V-CHIP     ON   OFF
SET US TV  RATINGS
SET MOVIE RATINGS
SET CANADIAN RATINGS ENG
SET CANADIAN RATINGS FRE
UNRATED   VIEW   BLOCK

              FINISH
```

◀▶ To turn V-Chip ON or OFF

▲▼ To move to SET US TV RATINGS

◀▶ To operate

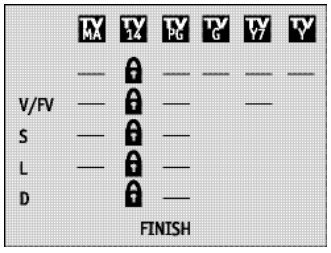
Directions to set US V-Chip Ratings:

Line up the cursor in the column (TV PG, TV G, etc.) with the content row (V/FV, S, etc.) and press the ▲ or ▼ to move the cursor to the correct location. Press ◀ or ▶ to turn the locking feature on or off. An item is locked if the icon appears instead of a "—".

For example: To block viewing of all TV 14 shows, move the cursor to the top row of that column and add a lock icon. Once you've put a lock on the top row, everything in that column is automatically locked.

▲▼ To the TV 14 Column

◀▶ To turn on the lock



▲▼ To FINISH

◀▶ To save settings and exit

- If you want to change the setup, move the cursor to the top column and change the lock icon to "—" by pressing ◀ or ▶ again. You may then select individual categories to block.

Setting ratings with the V-Chip button

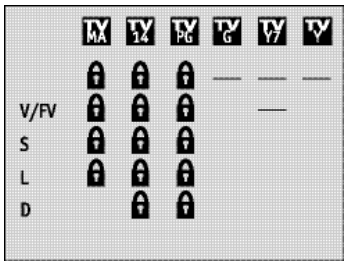
To access Rating information about a certain program, press the V-CHIP button while viewing that program. A display like this will appear:

If you decide you want to block this category of viewing, press "0" while the above screen is visible, and all programs from that category will be blocked.

Example 1:

If you want to set your V-Chip settings to block all programming above TV PG:

Press ZERO when TV-PG is displayed

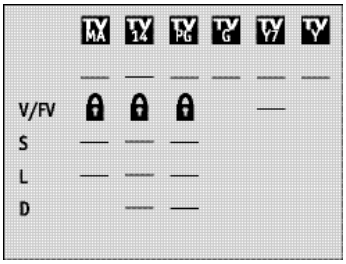


All Programming above TV PG will be blocked.

Example 2:

If you want to set your V-Chip settings to block all programming above a current setting such as TV PG-V (with violence):

Press ZERO when TV-PG - V is displayed



All Programming above TV PG - V (with Violence) will be blocked.

- For Children's programming you can block TV-Y and Y7 programs by Pressing “0” when Y is displayed during a program. Programming for audiences other than children’s audiences will not be affected.

V-Chip

Movie Ratings

- **NR -Not Rated.**
  This is a film which has no rating. In many cases these films were imported from countries which do not use the MPAA ratings system. Other NR films may be from amateur producers who didn't intend to have their film widely released.
  NR (Not Rated) Programming may contain all types of programming including children's programming, foreign programs, or adult material.

- **G -General Audience .**
  In the opinion of the review board, these films contain nothing in the way of sexual content, violence, or language that would be unsuitable for audiences of any age.
- **PG -Parental Guidance .**
  Parental Guidance means the movie may contain some contents such as mild violence, some brief nudity, and strong language. The contents are not deemed intense.
- **PG-13 -Parents Strongly Cautioned.**
  Parents with children under 13 are cautioned that the content of movies with this rating may include more explicit sexual, language, and violence content than movies rated PG.
- **R - Restricted.**
  These films contain material that is explicit in nature and is not recommended for unsupervised children under the age of 17.
- **NC-17 - No One Under 17.**
  These movies contain content which most parents would feel is too adult for their children to view. Content can consist of strong language, nudity, violence, and suggestive or explicit subject matter.
- **X - No One under 18.**
  Inappropriate material for anyone under 18.

Directions to set Movie (MPAA) Ratings:

Press the MENU button

▲▼ To V-CHIP

◀▶ To operate (Lock icon 🔒 appears)

Press ZERO to access V-Chip setup options

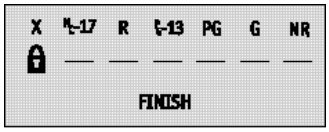
▲▼ To SET MOVIE RATINGS

◀▶ To enter movies menu

For example, to block viewing of X and NC-17 rated from shows:

▲▼ To the X Column

◀▶ To turn on the lock



▲▼ To the NC-17 Column

◀▶ To turn on the lock

▲▼ To FINISH

◀▶ To save settings and exit

Canadian V-Chip Ratings

- **E - Exempt.**
  Exempt programming includes:news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.
- **C - Programming Intended for Children.**
  Violence Guidelines:There will be no realistic scenes of violence. Depictions of aggressive behavior will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature.
- **C8+ - Programming Intended for Children 8 and Over .**
  Violence Guidelines: Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. There will be no offensive language, nudity or sexual content.
- **G - General Audience .**
  Programming will contain little violence and will be sensitive to themes which could affect younger children.
- **PG - Parental Guidance.**
  Programming intended for a general audience, but which may not be suitable for younger children. Parents may consider some content not appropriate for children aged 8-13.
- **14+ - 14 Years and Older.**
  Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Programming may contain mature themes and scenes of intense violence.
- **18+ - Adult.**
  Material intended for mature audiences only.

Directions to set Canadian V-Chip Ratings:

Press the MENU button

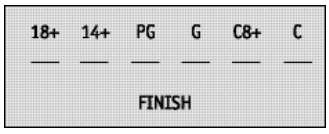
▲▼ To V-CHIP

◀▶ To operate (Lock icon appears)

Press ZERO to access V-Chip setup options

▲▼ To SET CANADIAN RATINGS ENG (for English)

◀▶ To enter ratings menu



For example, to block viewing of programming rated 14+ and 18+:

▲▼ To the 18+ Column

◀▶ To turn on the lock

▲▼ To the 14+ Column

◀▶ To turn on the lock

▲▼ To FINISH

◀▶ To save settings and exit

- For instructions on “Set Canadian Ratings FRE (in French)”, please see page 31 in the French side of this user’s guide.

V-Chip

Unrated Programs

Notes About Unrated Programs:

Unrated programming refers to any programming which does not contain a rating signal. Programming on television stations which do not broadcast rating signals will be placed in the “Unrated Programming" category.

Examples of Unrated programs:

Emergency Bulletins
Locally Originated Programming
News
Political Programs
Public Service Announcements
Religious Programs
Sports
Weather
Some Commercials

- TV programs or movies that do not have rating signals will be blocked if the Unrated Category is set to BLOCK.

Directions to Block Unrated Programs:

You can block programs that are not rated.

Press the MENU button

▲▼ To V-CHIP

◀▶ To operate (The lock icon appears)

Press ZERO to access V-Chip setup options

▲▼ To UNRATED

UNRATED	VIEW	BLOCK

◀▶ To VIEW or BLOCK

Press EXIT when done

Set Lock Code

Channel Guard and V-Chip settings are protected by a four-digit Lock Code. Your TV comes pre-set with a Lock Code of "0000". You may change the code to any four-digit number you wish. To change the Lock Code, follow the steps below.

Press the MENU button

▲▼ To SETLOCK CODE

◀▶ To operate

The lock icon appears.

Press ZERO to access the Lock Code

The first digit will be highlighted

◀▶ To select the number

▲▼ To move to the next digit

Continue to follow these directions for all four numbers.

▲▼ To FINISH

◀▶ To save settings and exit

Your Lock Code is now set..

NOTE:

- After a power interruption you must reset the Lock Code.
- Write your Lock Code number down and keep it hidden from potential viewers.
- If you forget the Lock Code, a new code may be set using the steps listed above.

Picture Settings

Tint

Tint allows you to adjust the levels of red and green in your TV picture.

Press the MENU button

▲▼ To TINT

▶ To increase the levels of green

◀ To increase the levels of red

▲▼ To move to the next setting

Color

The color function lets you make all the colors in the TV picture appear either more vivid or subtle.

Press the MENU button

▲▼ To COLOR

▶ To make the colors more vivid

◀ To make the colors more subdued

▲▼ To move to the next setting

Picture

Picture allows you to adjust the levels of black and white on the TV screen, giving you a darker or brighter picture overall.

Press the MENU button

▲▼ To PICTURE

▶ To increase the level of contrast

◀ To decrease the level of contrast

▲▼ To move to the next setting

Bright

You can adjust the overall brightness of the TV picture with the Bright control.

Press the MENU button

▲▼ To BRIGHT

▶ To lighten the picture

◀ To darken the picture

▲▼ To move to the next setting

Detail

The Detail feature adjusts the level of fine detail displayed in the picture.

Press the MENU button

▲▼ To DETAIL

▶ To make the picture sharper (more details)

◀ To make the picture smoother (less detail)

▲▼ To move to the next setting

Noise Muting

This feature inserts a blank blue screen over channels which are not broadcasting or are too weak to be received clearly.

Press the MENU button

▲▼ To NOISE MUTING

◀▶ To turn Noise Muting ON or OFF

- Noise Muting will not work during Auto Tuner Setup or when you operate Channel Summary.

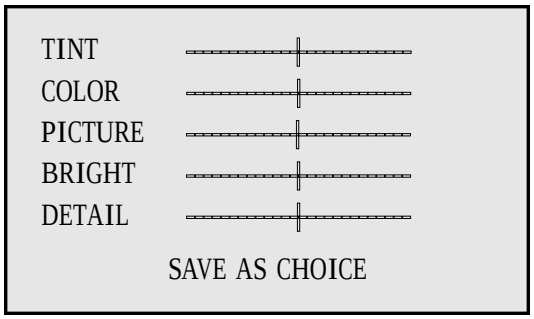
Set Video Status

With Set Video Status, you can save your own set of picture quality adjustments as “Choice” and have access to them at the touch of a button.

Press the MENU button

▲▼ To SETVIDEO STATUS

◀▶ To operate



◀▶ To set the TINT levels

▲▼ To move to the next option

Repeat these steps until all levels are set.

▲▼ To SAVEAS CHOICE

◀▶ To save settings and exit

- You must use SAVE AS CHOICE to exit the Set Video Status menu, otherwise your preferences will not be saved.
- You can access your “Choice”settings at any time by pressing the VIDEO STATUS button on the remote control.

NOTE:

The setting screen will disappear if you do not make any adjustments or move to the next setting in approximately three seconds. Any changes you have made to picture settings up to that point will be stored. You can exit the Picture Settings menu at any time by pressing the EXIT button on the remote control.

Sound Settings

Bass

You can increase or decrease the level of low-frequency sound in the TV's audio with the Bass adjustment.

Press the MENU button

▲▼ To BASS

▶ To increase the bass

◀ To decrease the bass

▲▼ To move to the next setting

Treble

Use Treble to adjust the level of high-frequency sound in your TV's audio.

Press the MENU button

▲▼ To TREBLE

▶ To increase the treble

◀ To decrease the treble

▲▼ To move to the next setting

Balance

Adjust the level of sound between the TV's two speakers with the Balance setting.

Press the MENU button

▲▼ To BALANCE

▶ To shift the balance towards the right speaker

◀ To shift the balance towards the left speaker

▲▼ To move to the next setting

MTS (Multi-Channel Television Sound)

MTS technology allows several audio signals to be broadcast at once, giving you a choice in what you wish to hear with a TV program. In addition to mono or stereo sound, an MTS broadcast may also include a Second Audio Program (SAP).

Press the MENU button

▲▼ To MTS

◀▶ Select the mode

(The ON AIR arrow tells you if a broadcast is in Stereo and/or contains an SAP).

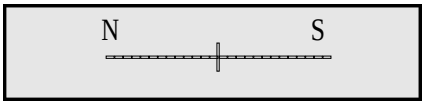
- Keep the TV in STEREO mode to get the best sound quality. The sound will work in STEREO mode even if a certain broadcast is in MONO sound only.
- Choose the MONO setting to reduce excessive noise on a certain channel or broadcast.
- Selecting SAP will allow you to hear an alternative soundtrack, if one is available.

NOTE:

You can leave the Sound Settings menu at any time by pressing the EXIT button on the remote control.

Purity

This helps clean up the picture so that it may not contain any “snow”.



	Press the MENU button
▲▼	To PURITY
◀▶	To enter
◀▶	To adjust purity

On/Off Timer

The On/Off timer lets you program your television to turn itself on or off. You can use it as an alarm to wake up, to help you remember important programs, or as a decoy when you're not home.

	Press the MENU button
▲▼	To ON/OFFTIMER
◀▶	To operate (begins with ON TIME)
◀▶	To set the hour (AM/PM) you want the TV to turn on
▼	To move to minutes
◀▶	To set the minutes
▼	To accept ON TIME and move to OFF TIME (the time the TV will turn off). Set the OFF TIMEthe same way as ON TIME
▼	To accept OFFTIME and move to CHANNEL
◀▶	To select channel
▼	To move to MODE
◀▶	Choose ONCE or EVERYDAY
▼	To ON/OFFTIMER
◀▶	Choose YES to accept the timer setting, choose NOif you don't wish to accept
▼	To FINISH
◀▶	To save settings

On/Off Timer Note for PIP (AV-36F802, AV-32F802 & AV-27F802) only.

If the television is on when a timed event is about to start a Timer Preview window will appear. The Timer Preview window will appear in the lower right corner of the screen seven seconds before the timer is programmed to begin. When the timer activates, the Preview picture will become the main picture.

NOTE:

- The On/Off time cannot be set to locked or guarded channels.
- In order for the On/Off timer to work, the clock must be set.
- After a power interruption, the Timer settings must be reset.

General Items

TV Speaker

If your TV is connected to a stereo system, you can turn off the TV speakers and listen to the audio through your stereo.

Press the MENU button

▲▼ To TVSPEAKER

◀▶ To turn the TV's speakers ONor OFF

EXIT when finished

- Before you turn the TV Speaker setting from OFF to ON, **make sure that the TV volume level is low!** If the TV volume is set too high, the sound level will be extremely loud.
- After a power interruption, the TVSpeaker settings will return to “ON”.

Audio Out

If your television is connected to an external speaker source, Audio Out gives you the option of controlling the volume level with your TV’s remote control.

Press the MENU button

▲▼ To AUDIO OUT

◀▶ ToVARI or FIX

EXIT when finished

VARI: Lets you adjust the volume of the external speakers using the VOLUME +/– buttons on your TV’s remote control.

FIX: The volume of the external speakers is adjusted using the audio device’s remote control.

NOTE:

- External Speakers: When using external speakers or amplifiers, shut off the TV Speakers (see ‘TV Speaker’) above.

V4 Component-In (AV-36F802, AV-32F802 & AV-27F802) / V2 Component-In (AV-36F702, AV-32F702 & AV-27F702)

Get the best quality video from your DVD player by using this setting and the DVD inputs at the rear of the television. Set either to YES for component input (for DVD) or to NO for composite video input (for a regular VCR).

Press the MENU button

▲▼ To V4 COMPONENT-IN (or V2 COMPONENT-IN for models AV-36F702, AV-32F702 and AV-27F702)

V4 COMPONENT-IN	YES	NO

◀▶ To turn the input ON or OFF

EXIT when finished

- This option should be used with DVD players only. For information on connecting VCR's see page 11. For more information on connecting a DVD player, see page 14.
- **AV-36F702, AV-32F702 & AV-27F702 note:** These models do not have Input 4.

Closed Caption

Many broadcasts now include an onscreen display of dialog called Closed Captions. Some broadcasts may also include displays of additional information in text form. Your television can access and display this information using the Closed Caption feature. To activate the Closed Caption feature, follow the steps below.

Press the MENU button

▲▼ To CLOSED CAPTION

◀▶ To operate

MODE	:	CAPTION			
CAPTION	:	CC1	CC2	CC3	CC4
TEXT	:	T1	T2	T3	T4
		FINISH			

◀▶ To select CAPTION (for Closed Captions), TEXT (for text display), or OFF (for no display)

▲▼ To move to CAPTION or TEXT

◀▶ To select a caption (CC1 to CC4) or text channel (T1 to T4)

▲▼ To accept that selection and move to FINISH

◀▶ To save settings and exit

NOTE:

- Closed Caption subtitles are usually found on closed caption channel CC1. Some programs may include additional text information which is usually found on text channel T1. The other channels are available for future use.
- Closed captioning may not work correctly if the signal being received is weak or if you are playing a video tape.
- Most broadcasts containing Closed Captioning will display a notice at the start of the program.

Button Functions

Menu

The MENU button allows you to access JVC's onscreen menu system. Press MENU to activate the onscreen menu system.

- See individual topics (like "Sound Settings") for specific information on using menus.

Exit and PIP Off

Press the EXIT button to leave a menu screen. On the RM-C301G this button is also labeled "PIP OFF". Press EXIT/PIP OFF to turn off the Picture-in-Picture function (please see page 44 for more information on the PIP feature).

- **PIP is available only on AV-36F802, AV-32F802 & AV-27F802.**

Display

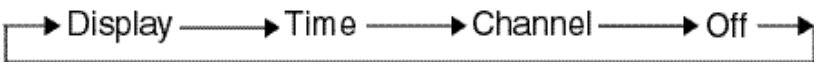
The Display screen shows the current status of timers and inputs.

Press the DISPLAY button

07	
NOW	12:20 PM
SLEEP TIMER	OFF
ON/OFF TIMER	EVERYDAY
ON TIME	7:00 PM
OFF TIME	10:00 PM

The screen above shows the following information:

- The current channel or AV input (Channel 07)
- The current time (12:20 pm)
- Sleep Timer status/minutes remaining (The Sleep Timer is off)
- On/Off Timer status (Set to turn on everyday at 7:00 PM, off at 10:00 PM)
- Each Press of the DISPLAY button changes the display mode:



Display – Full screen shown above

Time – Shows the current time only

Channel – Shows the current channel

Off – Turns Display off

- You may also turn off the Display at any step by pressing EXIT.

NOTE:

- Please note that if the Clock, Sleep Timer or On/Off Timer are not set, the Display screen will show:"CLOCK NOT SET", "SLEEP TIMER OFF", and "ON/OFF TIMER OFF" respectively.

Button Functions

Video Status

The VIDEO STATUS button gives you a choice of three TV picture display settings, including a display of your own preferences.

Standard – Resets the picture display to the factory settings.

Choice – Displays the setting levels you specified on the "Set Video Status"Menu (see page 35).

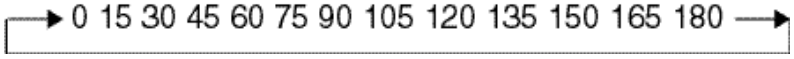
Theater – Gives a rich, film-like look to video.

Press the VIDEO STATUS button

Sleep Timer

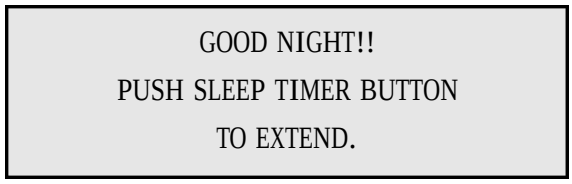
The Sleep Timer can turn the TV off for you after you fall asleep. Program it to work in intervals of 15 minutes, for a total time of up to 180 minutes.

Press the SLEEP TIMER button



Sleep Timer Message

20 seconds before the automatic shutoff, this message will appear:



You then have 20 seconds to press the Sleep Timer button to delay the shutoff for another 15 minutes.

Hyper Surround

Creates a deep, three-dimensional sound effect by channeling the audio through the TV's front-firing speakers. Press the HYPER SURROUND button to turn the effect on or off.

Muting

The MUTING button instantly turns the volume down completely when you press it. Press MUTING and the volume level will instantly go to zero. To restore the volume to its previous level, press MUTING again.

Button Functions

BBE

BBE high definition audio adds natural, clear and extraordinary sound quality to any program. Turn BBE On or Off using the BBE button.

100+ Button

Use the 100+ button to directly access channels above Channel 99. For example to move to channel 124, press100+, 2 (two), 4 (four).

Return+

The RETURN+ button has two functions:

Return – Returns to the channel viewed just before the channel currently onscreen.

Return+ – Lets you program a specific channel to return to while scanning through the channels using the CH+ and CH– buttons.

RETURN+ and hold for three seconds

The channel currently active has been programmed as your Return+ channel. Now scan through the channels using the CHANNEL+/– buttons

RETURN+

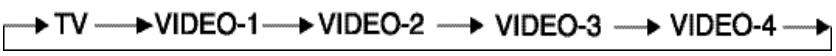
You will return to your programmed channel.

- To cancel your Return+ channel, press and hold the RETURN+ button for three seconds. The message “RETURN CHANNEL CANCELLED!”will appear.
- Return+ works only with the CHANNEL+/– buttons. Pressing any number key will cancel Return+.
- Return+ does not affect the PIPchannel (AV-36F802, AV-32F802 & AV-27F802 only).

Input

Selects the signal input source for the television:TV (for Antenna or Cable) or Video-1, 2, 3, or 4 for video devices like VCR’s, DVD players, or camcorders.

INPUT



- AV-36F702, AV-32F702 & AV-27F702 do not have a Video-4 input.

NOTE:

- BBE is a registered trademark of BBESound, Inc. For U.S., licensed from BBE Sound, Inc. under USP 4638258, 4482866 and 5510572. For Canada, licensed from BBE Sound, Inc. BBE is a registered trademark of BBESound, Inc.

Button Functions

VCR Buttons

You can use this remote control to operate the basic functions of your VCR. These functions include:play, record, rewind, fast-forward, stop, pause, channel scan, TV/VCR, power on, and power off.

Move the selector switch to **VCR** to operate.

- The remote is preset with the code 000 to control JVC-brand VCR's. For any other manufacturer's brand VCR, please see the code chart and instructions on page 19.

DVD Buttons

You can also use this remote control to operate the basic functions of your DVD player. These functions include:play, rewind, fast-forward, stop, still/pause, previous/next, tray open/close, power on, and power off.

Move the selector switch to **DVD** to operate.

- The remote is preset with the code 000 to control JVC-brand DVD players. For any other manufacturer's brand DVD player, please see the code chart and instructions on page 20.

TV/CATV Switch

Use either the television's own tuner or a cable box to select channels. Set this switch to TV to operate the television's built-in tuner. Move the switch to CATV to operate a cable box.

- See page 18 for information on programming your remote for cable box operation.

VCR/DVD Switch

You can control a VCR or DVDplayer with the buttons on the lower part of the remote control. Use the VCR/DVD selector switch to choose either VCR or DVD operation.

- See pages 19 and 20 for information on programming your remote with VCR and DVD operating codes.

Light

Your remote control includes illuminated buttons for key features like CHANNEL +/– and VOLUME +/–. Press the LIGHT button to turn the illumination on.

Button Functions - PIP

PIP displays two separate pictures on screen. Your television has 2-Tuner PIP, meaning you can view pictures from two different channels simultaneously. A special set of PIP control buttons are located on the upper part of the remote control. Descriptions of each button appear on this page.

The PIP feature is available on models AV-36F802, AV-32F802 & AV-27F802 only.

Cable Box Note

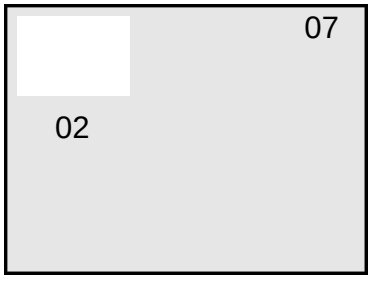
The 2-Tuner PIP function may not operate when used with certain cable boxes. This is because while some models of cable box may receive up to 181 channels, they may only send the signal from one channel to your television (please also see diagram on page 11). For the PIPtuner to operate correctly, it must have access to all available channels. Since the television is receiving the signal of only one channel from the cable box, it is impossible for the 2-Tuner PIP to display a second, different channel.

Because there are many different models of cable boxes in use today, if you are having problems operating your PIP feature with your cable box, we recommend you contact your local cable company for connection advice.

On/Move

Turn PIP on by pressing the ON/MOVE button.

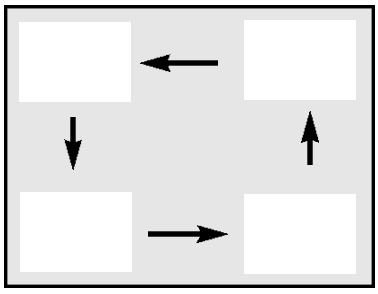
(PIP) ON/MOVE



PIP OFF to turn PIP off

Once PIP is turned on, you can move the PIP window to any of the TV's main picture's four corners with the ON/MOVE button

ON/MOVE



NOTE:

- Each press of ON/MOVE will shift the PIP window to a different corner.

Button Functions - PIP

Freeze

Use the FREEZE button to lock a single, still image onto the PIP window.

- If PIP is off when FREEZE is pressed, a snapshot of the main screen is taken and placed in the PIP window.
- If PIP is on when FREEZE is pressed, the image in the window when the button was pressed is held.

Swap

You can exchange the channel displayed on the main screen for the one shown in the PIP window by pressing SWAP.

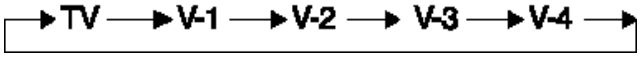
Channel +/– for PIP

Like the main CHANNEL +/– buttons, CHANNEL +/– for PIP lets you scan through the channels in the PIP window.

- Direct channel selection with the 10 key pad for PIPis not possible.

Source

You can select the signal source for the PIP window image.



- If the PIP does not have a signal, the window will be blue.
- If you connect a DVD to Video-2 or Video-4, the PIP window will be blue.

NOTE:

- The PIP window is $^1/_9$ the size of the full screen.
- PIP will not display blocked channels or programs. A blue screen will display instead.

Troubleshooting

PROBLEMS	CHECK
There is no power	• See if the power cord became unplugged. • Check for a blown fuse or circuit breaker or a power outage.
There is no picture or sound	• The antenna could be disconnected. • The input mode could be set improperly. See page 42. • The tuner (Auto Tuner Setup) could be set improperly. See page 22. • The TV station may be having difficulties. Check to see if other stations are working.
Remote control is not operating properly or at all	• Check to see that the batteries are still working and properly installed. • Make sure the remote has a clear sight path to the TV. • Check that the TV/CATV switch is in the proper position. • You may be too far from the TV. You must be within 23 feet (7 meters).
You cannot select a certain channel	• Make sure the channels have been programmed. See "Channel Summary", page 25. • Check to see if the channel is locked. See "Channel Summary - Lock" page 25.
The power turns off by itself	• Make sure the set did not become unplugged. • Perhaps the On/Off Timer is set. See page 37. • Check to see if the Sleep Timer was set. See page 41.
The clock is wrong	• The power was interrupted and the clock was not reset. See page 23.
The On Timer is blinking	• There is a problem with the TV. Unplug the set and call for service.
The color quality is poor	• Tint and Color may be improperly adjusted. See page 34. • The Video Status mode may be turned to the wrong setting. See page 35.
There are lines across the picture	• There could be interference from another electrical appliance, such as a computer, another TV or VCR. Move any such appliances further away from the TV.
The picture is spotted	• There could be interference from a high-wattage appliance, like a hairdryer or vacuum, operating nearby. Move the antenna away from the appliance or change to a coaxial cable connection which is less prone to interference.
There are double pictures (ghosts)	• A building or passing airplane can reflect the original signal and produce a second, slightly delayed one. Adjust your antenna position.
Picture is snowy (image noise)	• Your antenna may be damaged, disconnected or turned. Check the antenna connection. If the antenna is damaged, replace it.
Screen is 80% black	• The Closed Caption Text mode is on. Turn it off in the Closed Caption Menu, page 39.
Stereo or bilingual programs can't be heard	• Make sure the MTS settings are correct. See "MTS" on page 36.
There is no sound from the TV's speakers	• The TV Speaker option may be turned off. See page 38.
Static electricity	• It is normal to feel static electricity if you brush or touch the screen.
You hear occasional crackling sounds	• It is normal for the TV to make crackling sounds when first turned on or off. Unless the sound or picture become abnormal, this is fine.

JVC Warranty

For Canadian model televisions, see the separate sheet for Canadian Warranty information.

JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original retail purchase for the period shown below (the "Warranty Period") (PICTURE TUBE is covered for Two (2) years.)

Parts	Labor
1 YEAR	1 YEAR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND COMMONWEALTH OF PUERTO RICO.

WHAT WE WILL DO:
If this product is found to be defective within the warranty period,JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during regular business hours at JVCauthorized service centers. Parts used for replacement are warranted only for the remainder of this Warranty Period. All products and parts thereof may be brought to a JVCauthorized service center on a carry-in basis. Televisions with a screen size of 25 inches and larger may be covered on an in-home basis where such service is available.

WHAT YOU MUST DO FOR WARRANTY SERVICE:
To determine if in-home service is available in your area, either contact the selling dealer (retailer) or call 1-800-537-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website http://www.jvcservice.com.In-home service, if available, will require clear access to the Television by the service representatives.If in-home service is not available, carry in service will be provided.

If service is not locally available, box the product carefully, preferably in its original carton, and ship, insured, with a copy of your bill of sale plus a letter of explanation of the problem to the nearest JVC Factory Service Center, the name and location which will be given to you by the toll free number.

If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

WHAT IS NOT COVERED:
This limited warranty provided by JVC does not cover:
1) Products which have been subject to abuse, accident,alteration,modification,tampering,negligence, misuse, faulty installation,lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products,or if the model or serial number has been altered, tampered with,defaced or removed;
2) Initial installation, installation and removal from "built-in" entertainment centers and other mounting systems;
3) Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4) Damage that occurs in shipment, due to an act of God,and cosmetic damage;
5) Signal reception problems and failures due to line power surge;
6) Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus (Needle) are covered for 90 days from the date of purchase;

Warranty

7) Accessories;
8) Batteries (except that Rechargeable Batteries are covered for 90 days from date of purchase.)

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES,INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILTY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING,WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long the warranty lasts,so these exclusions or limitations may not apply to you.This warranty gives you specific legal rights and you may also have other rights which vary state to state.

JVCCOMPANYOF AMERICA 1700 Valley Road
DIVISION OF JVC AMERICAS CORP. Wayne, New Jersey 07470
http://www.jvcservice.com

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY. THIS WARRANTY DOES NOT APPLY FOR DETAILS OF REFURBISHED PRODUCT WARRANTY. PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

For customer use:
Enter below the Model No. and Serial No.which is located either on the rear, bottom or side of the cabinet.
Retain this information for future reference.

Model No.: _____ **Serial No.:** _____
Purchase Date: _____ **Name Of Dealer:** _____

Authorized Service Centers

QUALITY JVC SERVICE

HOW TO LOCATE YOUR JVC SERVICE CENTER

TOLL FREE: 1 (800) 537-5722
http://www.jvc.com

Dear Customer,

In order to receive the most satisfaction from your purchase, please read the instruction booklet before operating the unit. In the event that repairs are necessary, or for the address nearest your location within the Continental United States, please call 1 (800) 537-5722 for your nearest authorized servicer or visit our website at **www.JVC.com**.

Remember to retain your Bill of Sale for Warranty Service.

Do not service the television yourself

Caution

To prevent electrical shock, do not open the cabinet.There are no user serviceable parts inside. Please refer to qualified service personnel for repairs.

Accessories

To purchase accessories for your JVC product, you may contact your local JVC Dealer. From the 48 Continental United States call toll free: 1 (800) 882-2345 or on the web at **www.JVC.com**

For service in Canada

To locate your local JVC service center or dealer in Canada please call:

In Eastern Canada:	In Western Canada:	En Français (Montréal):
1 (416) 293-1311	1 (604) 270-1311	1 (514) 871-1311

Or visit us on the web at **www.JVC.ca**

Search Codes

Cable/Satellite Search Codes Function:

1) Slide the first 2-Way Mode Selector switch to CATV.
2) Press the TV POWER and RETURN+ buttons. Hold for at least three seconds and release.
3) Press TV POWER, see if the CATV or Satellite box responds.
4) If there was a response, press RETURN+. The operating codes are now set.If there was no response, repeat Step 3.If you repeat Step 3 a total of 52 times without a response, use the remote control which came with the equipment.
5) Press RETURN+ to exit.

VCR Search Codes Function:

1) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “VCR”.
2) Press the VCR POWER and RETURN+ buttons. Hold for at least three seconds and release.
3) Press VCR POWER, see if the VCR responds.
4) If there was a response, press RETURN+. The operating codes are now set.If there was no response, repeat Step 3. If you repeat Step 3 a total of 80 times without a response, use the manufacturers remote control which came with the VCR.
5) Press RETURN+ to exit.

DVD Player Search Codes Function:

1) Slide the first 2-way selector switch to “TV” and the other 2-way selector switch to “DVD”.
2) Press the DVD POWER and RETURN+ buttons. Hold for at least three seconds and release.
3) Press DVD POWER, see if the DVDplayer responds.
4) If there was a response, press RETURN+. The operating codes are now set. If there was no response, repeat Step 3.If you repeat Step 3 a total of 30 times without a response, use the manufacturers remote control which came with the DVDplayer.
5) Press RETURN+ to exit.

Specifications

Model	AV-27F702 AV-27F802	AV-32F702 AV-32F802	AV-36F702 AV-36F802
Reception Format	NTSC, BTSC System (Multi-Channel Sound)		
Reception Range	VHF 2 to 13, UHF 14 to 69 Sub Mid, Mid, Super, Hyper and Ultra Bands (181 channel frequency synthesizer system)		
Power Consumption	140W	155W	160W
Power Source	AC 120V, 60Hz		
Screen Size	27 inch / 68 cm measured diagonally	32 inch / 80 cm measured diagonally	36 inch / 90 cm measured diagonally
Speakers	2" x 4 3/4" / 5 x 12 cm oval x 2		
Audio Output	5W + 5W		
Antenna Terminal	75 ohms (VHF/UHF) (F-type connector)		
External Input Jacks	Video: 1 Vp-p, 75 ohms Audio: 500mVrms (-4dBs) high impedance		
S-Video Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms		
Component Input Jacks	Y: 1Vp-p positive, 75 ohms (negative sync provided) Pb/Pr: 0.7 Vp-p, 75 ohms		
Audio Output Jacks (VAR/FIX)	Var: More than 0 to 1550 mVrms (+6 dBs) Fixed: 500mVrms (-4dBs) low impedance (400 Hz when modulated 100%)		
AV Compu Link EX Jack	3.5 mm mini jack x 1		
Dimensions WxHxD (inch/cm)	29 7/8" x 22 3/8" x 19 3/4" 75.8 x 59.3 x 50.0	34 5/8" x 27 5/8" x 22 1/4" 87.7 x 69.9 x 56.5	38 1/8" x 30 3/8" x 24 1/8" 96.7 x 77.0 x 61.0
Weight (lbs/kg)	101.2 (lbs) / 46 (kg)	140.8 (lbs) / 64 (kg)	187.0 (lbs) / 85.0 (kg)
Accessories	Remote control unit / AA batteries x 2		

Specifications subject to change without notice.

JVC COMPANY OF AMERICA
Division of JVC Americas Corp.
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JVC

I'Art™

MANUEL D'INSTRUCTIONS POUR TÉLÉVISEUR EN COULEURS

Pour le modèles:

AV-36F802
AV-36F702
AV-32F802
AV-32F702
AV-27F802
AV-27F702

Illustration du modèle AV-27F802 et RM-C301G

REMARQUE :

Veuillez inscrire dans les espaces ci-dessous le modèle et le numero de série de votre téléviseur (situés à l'arrière du téléviseur). Agrafez votre reçu ou votre facture à la page intérieure de ce guide. Rangez ce manuel dans un lieu où vous le retrouverez rapidment pour vous y référer. Gardez le carton et l'emballage d'origine pour une utilisation ultérieure.

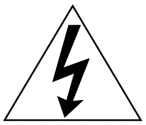
Numéro de série

Numéro de modèle

LCT0821-001E-A
0901-TN-FAA-JIM

IMPORTANTES PRÉCAUTIONS DE SÉCURITÉ

ATTENTION
RISQUE DÉLECTROCUTION
NE PAS OUVRIR
ATTENTION: AFIN DE DIMINUER LES RISQUES D'ÉLECTROCUTION, NE RETIREZ PAS LE CAPOT OU LE PANNEAU ARRIÈRE. AUCUNE PIÈCE À L'INTÉRIEUR N'EST RÉPARABLE PAR L'UTILISATEUR.ADRESSEZ-VOUS À UN RÉPARATEUR QUALIFIÉ POUR LA MAINTENANCE.



Le symbole de l'éclair fléché dans un triangle équilatéral prévient l'utilisateur de la présence de tensions dangereuses non protégées, à l'intérieur de l'appareil, suffisamment élevées pour constituer un risque d'électrocution.

Le symbole du point d'exclamation dans un triangle équilatéral prévient l'utilisateur de la présence d'importantes instructions d'utilisation et d'entretien dans la documentation accompagnant cet appareil.

ATTENTION! POUR ÉVITER UN INCENDIE OU UNE ÉLECTROCUTION, N'EXPOSEZ PAS CE TÉLÉVISEUR À LA PLUIE OU À L'HUMIDITÉ.

AVERTISSEMENT! AFIN D'ASSURER LA SÉCURITÉ DES PERSONNES, OBSERVEZ LES RÈGLES SUIVANTES CONCERNANT L'UTILISATION DE CET APPAREIL.

1) Faites fonctionner cet appareil avec la tension secteur spécifiée sur cet appareil.
2) Évitez d'endommager la prise et le cordon secteur.
3) Installez correctement l'appareil et placez-le dans un lieu correctement ventilé.
4) Ne laissez aucun objet ou liquide pénétrer à l'intérieur de l'appareil.
5) En cas de problème, débranchez l'appareil et appelez un technicien qualifié. N'essayez pas de réparer vous-même ou de retirer le panneau arrière.

Les modifications ou changements non approuvés par JVC peuvent annuler la garantie.

* Pour votre sécurité, quand vous n'utilisez pas ce téléviseur pendant une longue période, déconnectez-le du secteur et débranchez l'antenne.
* Pour éviter une électrocution, n'utilisez pas cette fiche polarisée avec un prolongateur, avec une prise ou toute autre alimentation, sauf si les lames peuvent être entièrement insérées sans être visibles.

IMPORTANTES RÈGLES DE SÉCURITÉ

AVERTISSEMENT:

Veuillez lire et retenir ce qui suit pour votre sécurité

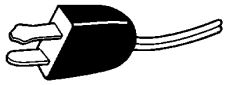
L'énergie électrique autorise de nombreuses applications utiles. Ce téléviseur a été conçu et fabriqué pour assurer la sécurité de l'utilisateur. Mais une utilisation incorrecte peut produire une électrocution ou un incendie. Afin de ne pas aller à l'encontre des sécurités incluses dans ce téléviseur, conformez-vous aux règles de base de son installation, de son utilisation et de son entretien.

Conformez-vous aussi aux avertissements et aux instructions inscrites sur votre téléviseur.

INSTALLATION

1 Le téléviseur est équipé d'une fiche secteur polarisée (une lame de la fiche est plus large que l'autre).

(TYPE POLARISE)



Cette sécurité permet à la fiche de pénétrer dans une prise secteur seulement dans un sens. Si la fiche ne peut pas être insérée entièrement dans la prise, insérez-la dans l'autre sens. Si vous ne pouvez toujours pas l'insérer, appelez un électricien.

2 Utilisez votre téléviseur en l'alimentant avec la tension indiquée sur le téléviseur ou reportez-vous aux instructions d'utilisation pour vous en assurer. Si vous n'êtes pas certain de la tension utilisée chez vous, consultez votre revendeur ou la compagnie d'électricité. Pour un fonctionnement sur piles, reportez-vous aux instructions d'utilisation.

3 Surcharger les prises de courant et utiliser des prolongateurs représentent un danger au même titre que des cordons usagés et des prises cassées. Elles sont à l'origine d'incendies et d'électrocutions. Appelez un technicien qualifié pour opérer les remplacements.

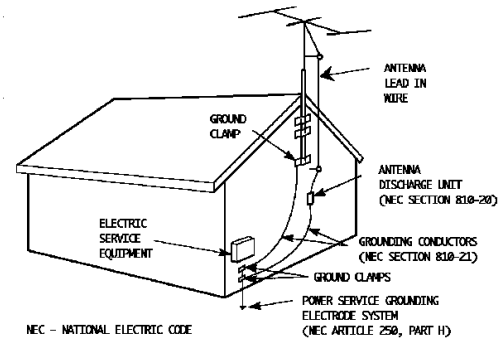
4 Ne laissez aucun objet sur le cordon ou rouler dessus. Ne placez pas le téléviseur là où le cordon d'alimentation se trouve sur un passage fréquenté ou pouvant être abîmé afin d'éviter un risque d'électrocution ou d'incendie.

5 N'utilisez pas le téléviseur près de l'eau, d'une baignoire, d'un lavabo, d'un évier, d'une cuvette, dans un sous-sol humide ou près d'une piscine, par exemple.

6 Si une antenne extérieure est reliée au téléviseur, assurez-vous de la bonne mise à la terre de celle-ci afin de fournir une protection contre les surtensions et l'électricité statique. La section 810 du NEC fournit les informations nécessaires à une bonne mise à la terre du tube d'antenne et de son support ainsi que de la descente du câble qui doit transiter par un dispositif de décharge, de la taille des conducteurs de mise à la terre, de l'emplacement du dispositif de décharge et sur les impératifs liés aux prises de terre.

7 Une antenne extérieure ne doit pas se trouver à proximité d'une ligne électrique, de poteaux d'éclairage public ou autres circuits électriques ou encore à un endroit où elle peut tomber sur de telles lignes ou de tels circuits. Au cours de l'installation d'une antenne extérieure, faites particulièrement attention à ne pas entrer en contact avec ces lignes car un tel contact est mortel.

EXEMPLE DE MISE À LA TERRE DUNE ANTENNE SELON LES PRESCRIPTIONS DU NEC


ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ARTICLE 250, PART H)
NEC - NATIONAL ELECTRIC CODE

8 Les téléviseurs sont équipés avec des ouvertures de ventilation afin d'évacuer la chaleur générée pendant leur utilisation.

Il ne faut :

— jamais obstruer les ouvertures de ventilation sous le téléviseur portatif en le plaçant sur un lit, un canapé, un tapis ;

— jamais placer le téléviseur dans une enceinte encastrée et sans ventilation suffisante ;

— jamais obturer les ouvertures avec un vêtement ou tout autre matériel ;

— jamais placer le téléviseur sur un radiateur ou à proximité d'une source de chaleur.

9 Pour éviter de blesser quelqu'un :

— ne placez jamais le téléviseur sur une étagère en pente sans l'avoir parfaitement arrimé ;

— utilisez seulement une table roulante recommandée par le fabricant du téléviseur ;

— ne faites pas passer la table roulante sur un seuil de porte ou sur une moquette épaisse ;

— une installation sur un mur ou sur une étagère doit prendre en compte les instructions du fabricant et doit utiliser un kit de montage approuvé par ce dernier.

UTILISATION

10 Prévenez les enfants de ne rien introduire dans le téléviseur par les ouvertures de ventilation.Certains composants à l'intérieur sont sous tension et un contact peut provoquer un incendie ou une électrocution.

11 Débranchez la fiche secteur du téléviseur avant tout nettoyage. N'utilisez aucun nettoyant liquide ou en aérosol.

12 N'ajoutez aucun accessoire au téléviseur qui n'ait pas été conçu pour cet usage. Certains ajouts peuvent être dangereux.

13 Pour encore mieux protéger votre téléviseur pendant un orage ou si vous ne l'utilisez pas pendant une longue période de temps, débranchez la prise secteur et déconnectez l'antenne. Vous évitez ainsi d'endommager le téléviseur en cas de foudre ou de surtensions.

14 Un téléviseur sur meuble roulant doit être déplacé avec précautions. Des arrêts soudains, une force excessive ou une surface irrégulière peuvent renverser le téléviseur et son meuble roulant.

ENTRETIEN

15 Débranchez le téléviseur de la prise secteur et faites appel à un réparateur qualifié pour un dépannage dans les conditions suivantes :

A Quand le cordon ou la fiche sont endommagés ou usés.

B. Si un liquide a pénétré à l'intérieur du téléviseur.

C. Si le téléviseur a été exposé à la pluie ou à l'eau.

D. Si le téléviseur ne fonctionne pas normalement en respectant les instructions du manuel. Procédez seulement aux réglages des commandes décrites dans le manuel. En effet, si vous déréglez d'autres commandes, des dommages peuvent se produire qui demanderont de longues réparations à un technicien qualifié pour refaire fonctionner normalement l'appareil.

E. Si le téléviseur est tombé ou a été endommagé.

F. Quand les performances du téléviseur sont détériorées en permanence, ce qui indique qu'il a besoin d'être réparé.

16 N'essayez pas de réparer vous-même en ouvrant le téléviseur ou en le retirant du boîtier, vous vous exposez à des tensions dangereuses. Faites réparer par un technicien agréé.

17 S'il est nécessaire de remplacer des composants, vérifiez avec le technicien qu'il utilise des pièces détachées ayant les mêmes caractéristiques de sécurité que celles d'origine. Vous éviterez ainsi un incendie, une électrocution ou tout autre problème.

18 Après une réparation ou une maintenance, demandez au technicien de réaliser un test de sécurité tel qu'il est décrit dans le manuel d'instructions.

19 Quant un téléviseur atteint la fin de sa vie utile, il faut vous en débarrasser sans faire imploser le tube cathodique. Demandez à un technicien de faire jeter le téléviseur.

20 Remarque pour l'installateur du système de télévision par câble (CATV):

Ce rappel a pour but d'attirer l'attention de l'installateur du système de télévision par câble sur l'article 820-40 du NEC qui fournit les indications pour une mise à la terre correcte et qui spécifie en particulier que le câble de terre doit être connecté au système de mise à la terre du bâtiment aussi près que possible du point d'entrée du câble.

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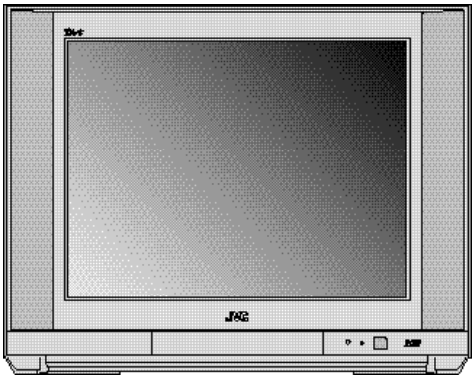
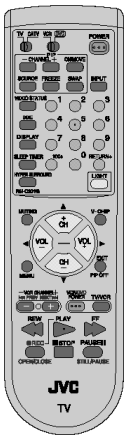
Déballage de votre téléviseur

Merci d'avoir acheté un téléviseur en couleur JVC. Avant de commencer l'installation de votre nouveau téléviseur, assurez-vous d'avoir les pièces suivantes. Outre ce guide, le carton de votre téléviseur doit comprendre :

1 Téléviseur



1 Télécommande



Deux Piles AA

Un support de téléviseur est également offert (vendu séparément).

Remarque : Il se peut qu'une télécommande de modèle différent ait été fournie avec votre téléviseur.

Lorsque vous aurez déballé votre téléviseur, l'étape suivante consiste à le raccorder à votre antenne, câble ou antenne parabolique, et à raccorder les appareils audio/vidéo que vous désirez utiliser avec votre téléviseur. Pour réaliser ces connexions, vous utiliserez des fiches telles que celles illustrées ci-après.

Connecteurs HF

Servent à raccorder un câble coaxial provenant d'une antenne externe ou d'un système de câblovision.

Fiche d'entrée A/V

Sert à raccorder les appareils audio/vidéo tels que magnétoscopes, lecteurs de DVD, amplificateurs stéréophoniques, consoles de jeux, etc.

Fiche S-Vidéo

Sert à réaliser les connexions vidéo avec certains magnétoscopes, lecteurs de DVD, caméscopes, etc.

Câble de liaison A/V informatique

Sert à raccorder les composants permettant la liaison informatique AV JVC en vue d'un cinéma automatisé en famille.

Avant de commencer à utiliser votre nouveau téléviseur, nous vous recommandons de lire ce guide en entier pour apprendre à connaître les nombreuses fonctions utiles de votre nouveau téléviseur. Toutefois, si vous êtes impatient de commencer à utiliser votre téléviseur immédiatement, un guide de configuration rapide suit sur les trois prochaines pages.

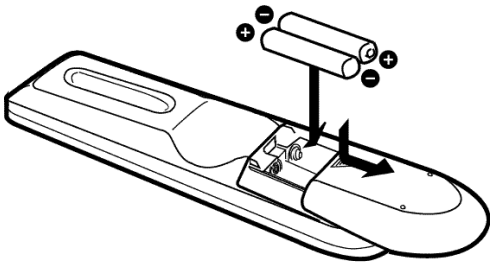
Configuration rapide 1

Pour débuter

Ces pages de configuration rapide vous donneront, en trois étapes faciles, les informations de base dont vous avez besoin pour commencer à utiliser immédiatement votre nouveau téléviseur. Ces informations comprennent des instructions de base sur l'utilisation de votre télécommande, la réalisation d'une connexion simple à votre câble/antenne et d'une connexion facultative à un magnétoscope, et, enfin, des informations sur la programmation du sélecteur Auto Tuner de votre téléviseur. Si vous avez des questions, ou pour obtenir des informations plus détaillées sur l'une quelconque de ces étapes, veuillez consulter d'autres sections de ce guide.

Première étape – La télécommande

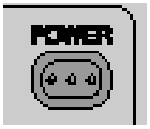
La télécommande est essentielle à l'utilisation des nombreuses fonctions utiles de votre téléviseur. Avant de pouvoir utiliser votre télécommande, vous devez d'abord poser les piles (fournies).



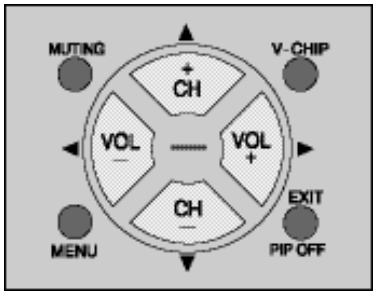
Faites glisser le couvercle à l'arrière de la télécommande vers le bas de la télécommande. Insérez deux piles en notant soigneusement les marquages « + » et « – » et en plaçant l'extrémité « – » dans l'appareil en premier. Remettez le couvercle en place.

Fonctionnement de base

Mettez le téléviseur en marche et à l'arrêt en appuyant sur le bouton POWER situé dans le coin supérieur droit de la télécommande.



Bouton marche/arrêt sur la télécommande



Bouton des fonctions principales sur la télécommande

Vous pouvez utiliser les quatre boutons des fonctions principales au centre de la télécommande pour le fonctionnement de base du téléviseur. Les boutons supérieur et inférieur feront un balayage vers l'avant et vers l'arrière à travers les canaux disponibles. Les boutons droit et gauche augmenteront ou baisseront le volume. Ces boutons sont également marqués de quatre flèches et ils s'utilisent également avec le système JVC de menus à l'écran. Vous devrez utiliser ces boutons plus tard dans la Section de configuration rapide.

L'étape suivante consiste à raccorder votre téléviseur à une antenne ou à un câble.

Procédez à la deuxième étape ☞

Configuration rapide 2

Deuxième étape – Réalisation des connexions de base

Vous devrez ensuite raccorder votre téléviseur à une antenne ou à un système de câblovision. La connexion la plus simple à une antenne ou à un système de câblovision est illustrée ci-après. Pour des connexions plus détaillées, telles que celles faisant appel à une boîte de câble, reportez-vous aux pages 11 et 13.

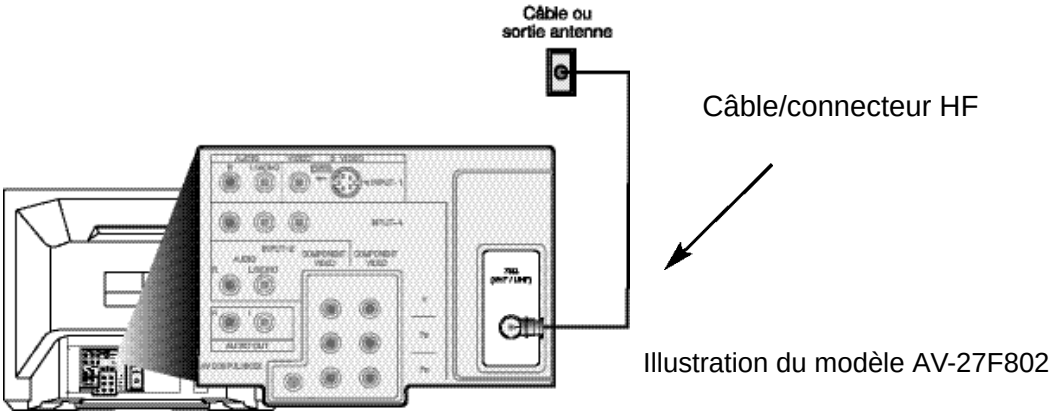


Illustration du modèle AV-27F802

1) Raccordez un câble HF depuis la sortie murale jusqu'à l'entrée HF à l'arrière du téléviseur.

Il vous sera peut-être opportun de raccorder également un magnétoscope à ce stade. Une connexion de base est illustrée ci-après pour un magnétoscope. Reportez-vous aux pages 14 à 16 pour des instructions détaillées sur le raccordement d'autres composants ou d'un système de cinéma en famille.

Remarque : Vous n'avez pas besoin de magnétoscope pour utiliser votre téléviseur.

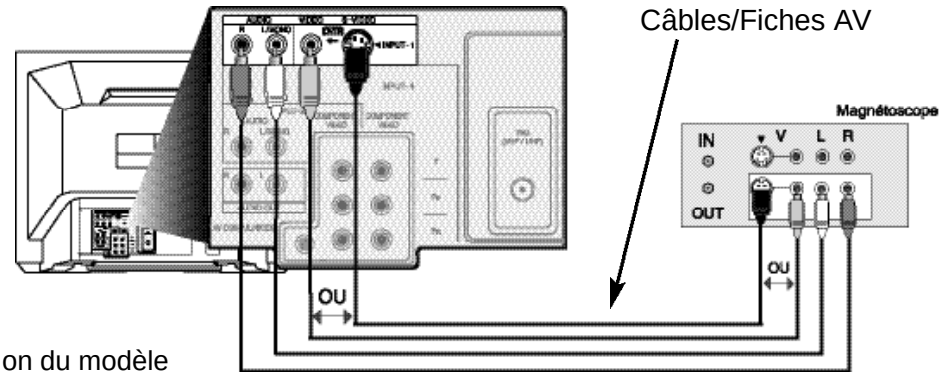


Illustration du modèle AV-27F802

1) Raccordez le câble vidéo jaune sortant de la sortie vidéo du magnétoscope dans le jack d'entrée vidéo du téléviseur, **OU** raccordez un câble S-Vidéo depuis la sortie S-Vidéo du magnétoscope dans l'entrée S-Vidéo du téléviseur.
2) Raccordez le câble audio blanc sortant de la sortie audio gauche du magnétoscope dans le jack d'entrée audio gauche du téléviseur.
3) Raccordez le câble audio rouge sortant de la sortie audio droite du magnétoscope dans le jack d'entrée audio droit du téléviseur.

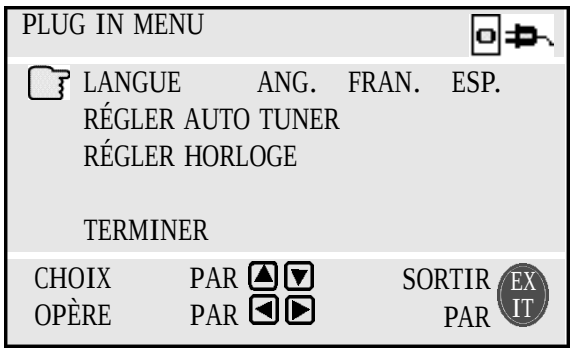
Enfin, lorsque vous aurez terminé vos connexions, branchez le cordon dans la prise de courant la plus proche et mettez le téléviseur en marche.

Procédez à la troisième étape ☞

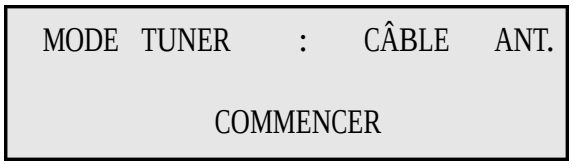
Configuration rapide 3

Troisième étape - Le Plug In Menu

Le Plug In Menu apparaît lorsque vous mettez votre téléviseur en marche pour la première fois. Ce menu permet d'effectuer quelques-uns des réglages de base de votre téléviseur. Vous trouverez, à compter de la page 22, une description complète du Plug In Menu. Nous vous recommandons d'effectuer les sélections du Plug In Menu avant de commencer à utiliser votre téléviseur. Toutefois, pour commencer à utiliser immédiatement votre téléviseur, il vous suffit d'effectuer la configuration du sélecteur Auto Tuner. Votre téléviseur pourra ainsi apprendre les canaux qu'il peut recevoir. Reportez-vous aux étapes ci-après pour configurer le sélecteur Auto Tuner.



Appuyez sur les boutons ▲▼ et faites défiler jusqu'à RÉGLER AUTO TUNER
Appuyez sur les boutons ◀▶ pour commencer RÉGLER AUTO TUNER

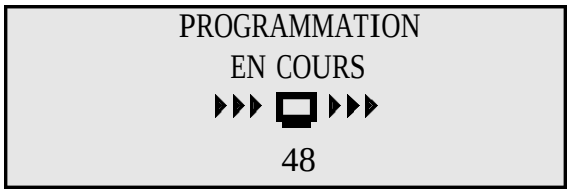


◀▶ Pour choisir CÂBLE (si vous êtes raccordé à un système de câblovision) ou ANT. (si vous utilisez une antenne)

▲▼ Pour passer à la position COMMENCER

◀▶ Pour commencer configuration automatique du sélecteur

L'Auto Tuner mettra maintenant en mémoire tous les canaux actifs et clairs que votre téléviseur peut recevoir. Ceci prendra une ou deux minutes.



La configuration du sélecteur Auto Tuner est terminée lorsque le message PROGRAMMATION TERMINÉE apparaît à l'écran.

Votre Configuration rapide est maintenant terminée. Vous pouvez commencer à regarder la télévision, ou vous pouvez poursuivre la lecture de ce guide pour plus de renseignements sur le raccordement des appareils audio/vidéo, la programmation de votre télécommande ou l'utilisation du système JVC de menus à l'écran pour particulariser votre expérience d'écoute.

La Configuration rapide est maintenant terminée.

Connexions de câble et magnétoscope

Il existe trois types de base de connexion d'antenne ou de câble:

- Si vous avez une antenne ou un système de câble qui ne vous oblige pas à utiliser une boîte de câble pour sélectionner les canaux, veuillez vous reporter au **schéma No. 1**.
- Si vous avez un système de câble qui nécessite l'utilisation d'une boîte de câble pour accéder à l'ensemble des canaux, veuillez vous reporter au **schéma No. 2**. Si vous ne pouvez utiliser votre fonction PIP (image sur image) en vous reportant au schéma No. 2, essayez la connexion illustrée dans le **schéma No. 3.** Il se peut que votre boîte de câble permette la transmission, à votre téléviseur, du signal d'un seul canal à la fois.
- Si vous avez un système de câble qui nécessite l'utilisation d'une boîte de câble pour accéder à certains canaux de premier choix, mais non aux canaux de câble de base, veuillez vous reporter au **schéma No. 3**.
- Pour votre commodité, la connexion à un magnétoscope est également illustrée dans les schémas suivants. Un magnétoscope n'est pas nécessaire à l'utilisation du téléviseur ni de la fonction PIP. Vous pouvez omettre le magnétoscope de vos connexions si vous le désirez.
- Pour obtenir des instructions sur le raccordement d'un magnétoscope seulement, veuillez vous reporter au Guide de configuration rapide, à la page 9.
- Pour obtenir des instructions sur l'utilisation de l'image sur image (PIP), veuillez vous reporter à la page 44.
- **La fonction PIP est disponible uniquement sur les modèles AV-36F802, AV-32F802 et AV-27F802.**

Schéma No. 1

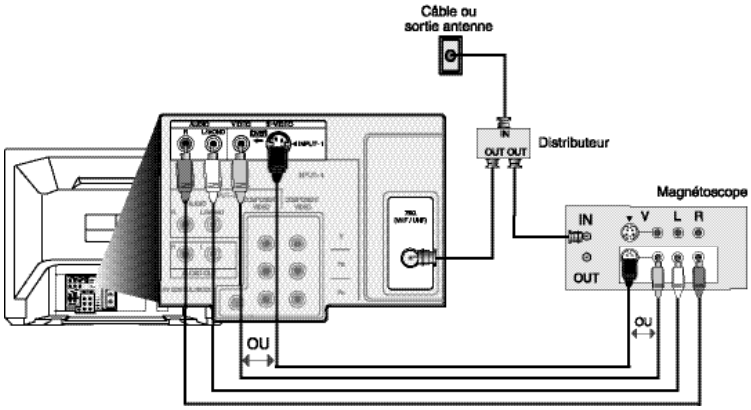


Illustration du modèle AV-27F802

1) Raccordez le fil de câblovision ou d'antenne provenant de la sortie murale dans l'entrée HF du répartiteur à deux voies.
2) Raccordez un câble HF provenant de l'une des sorties HF du répartiteur dans l'entrée HF à l'arrière du magnétoscope.
3) Raccordez un câble HF provenant de l'autre sortie HF du répartiteur dans l'entrée HF à l'arrière du téléviseur.
4) Raccordez le câble vidéo jaune provenant de la sortie vidéo du magnétoscope dans le jack d'entrée vidéo du téléviseur, ou raccordez un câble S-Vidéo depuis la sortie S-Vidéo du magnétoscope à l'entrée S-Vidéo du téléviseur.
5) Raccordez le câble audio blanc provenant de la sortie audio gauche du magnétoscope dans le jack d'entrée audio gauche du téléviseur.
6) Raccordez le câble audio rouge provenant de la sortie audio droite du magnétoscope dans le jack d'entrée audio droit du téléviseur.

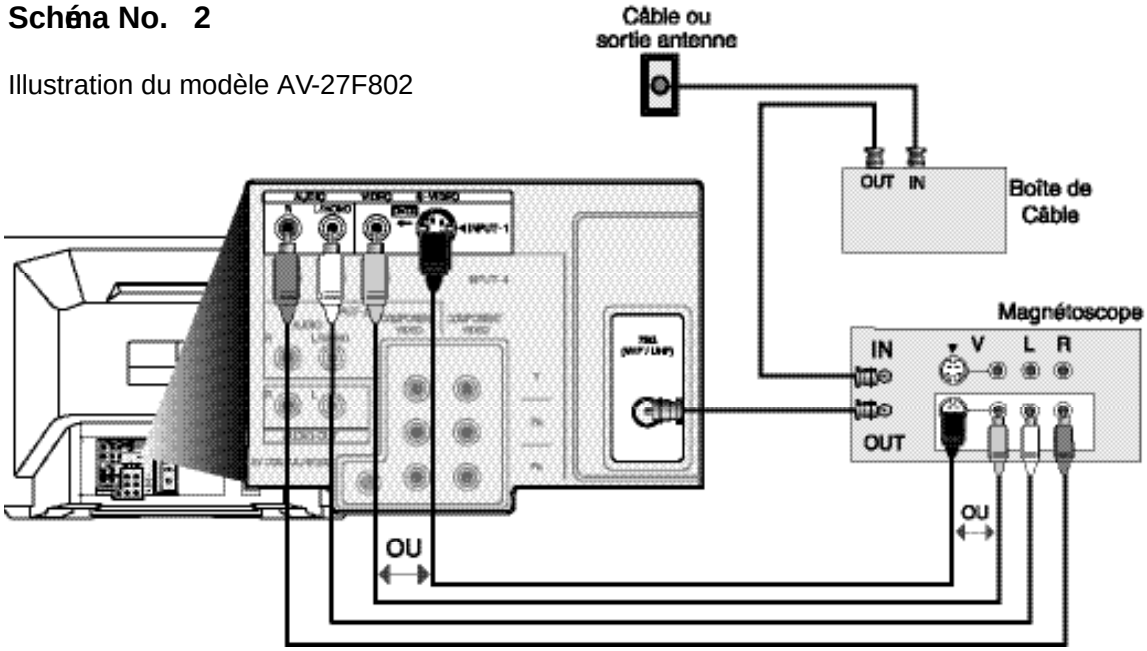
- Si votre magnétoscope est un appareil monophonique, il n'aura qu'un jack de sortie audio. Raccordez le à l'entrée audio gauche du téléviseur.

Connexions

Connexions de câble et magnétoscope – suite

Schéma No. 2

Illustration du modèle AV-27F802



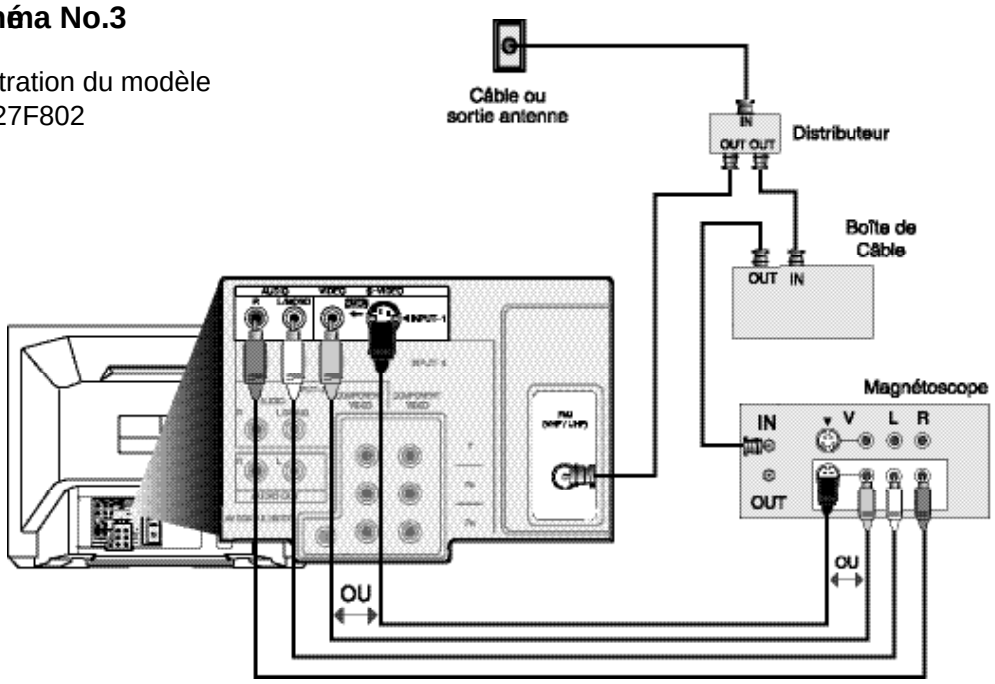
1) Raccordez le fil de câblovision ou d'antenne provenant de la sortie murale dans l'entrée HF de la boîte de câble.
2) Raccordez un câble HF provenant de la sortie HF de la boîte de câble dans l'entrée HF à l'arrière du magnétoscope.
3) Raccordez un câble HF provenant de la sortie HF à l'arrière du magnétoscope dans l'entrée HF à l'arrière du téléviseur.
4) Raccordez le câble vidéo jaune provenant de la sortie vidéo du magnétoscope dans le jack d'entrée vidéo du téléviseur, ou raccordez un câble S-Vidéo depuis la sortie S-Vidéo du magnétoscope à l'entrée S-Vidéo du téléviseur.
5) Raccordez le câble audio blanc provenant de la sortie audio gauche du magnétoscope dans le jack d'entrée audio gauche du téléviseur.
6) Raccordez le câble audio rouge provenant de la sortie audio droite du magnétoscope dans le jack d'entrée audio droit du TV.

- Reportez-vous à la page 44 pour obtenir des informations surutiliser le fonction PIP avec un boîte de câble.
- Si votre magnétoscope est un appareil monophonique, il n'aura qu'un jack de sortie audio. Raccordez-le à l'entrée audio gauche du téléviseur.
- Pour plus de renseignements sur son fonctionnement, veuillez vous reporter au manuel d'instructions du magnétoscope.

Connexions de câble et magnétoscope – suite

Schéma No.3

Illustration du modèle
AV-27F802



1) Raccordez le fil de câblovision ou d'antenne provenant de la sortie murale dans l'entrée HF du répartiteur à deux voies.
2) Raccordez un câble HF provenant de l'une des sorties HF du répartiteur à l'entrée HF de la boîte de câble.
3) Raccordez un câble HF provenant de la sortie de la boîte de câble dans l'entrée HF du magnétoscope.
4) Raccordez un câble HF provenant de l'autre sortie HF du répartiteur à l'entrée HF à l'arrière du téléviseur.
5) Raccordez le câble vidéo jaune provenant de la sortie vidéo du magnétoscope au jack d'entrée vidéo du téléviseur, ou raccordez un câble S-Vidéo depuis la sortie S-Vidéo du magnétoscope à l'entrée S-Vidéo du téléviseur.
6) Raccordez le câble audio blanc provenant de la sortie audio gauche du magnétoscope au jack d'entrée audio gauche du TV.
7) Raccordez le câble audio rouge provenant de la sortie audio droite du magnétoscope au jack d'entrée audio droit du téléviseur.

- Reportez-vous à la page 44 pour obtenir des informations surutiliser le fonction PIP avec un boîte de câble.
- Si votre magnétoscope est un appareil monophonique, il n'aura qu'un jack de sortie audio. Raccordez-le à l'entrée audio gauche du téléviseur.
- Pour plus de renseignements sur son fonctionnement, veuillez vous reporter au manuel d'instructions du magnétoscope.

Les schémas de connexion ont pour but de montrer quelques connexions générales de base. Certaines compagnies de câble peuvent exiger des connexions particulières en vue d'une utilisation appropriée de votre téléviseur . Si vous suivez ces schémas et que le téléviseur ne fonctionne pas adéquatement, contactez votre compagnie de câble locale pour plus de renseignements concernant les connexions.

Connexions

Connexion àun Lecteur de DVD

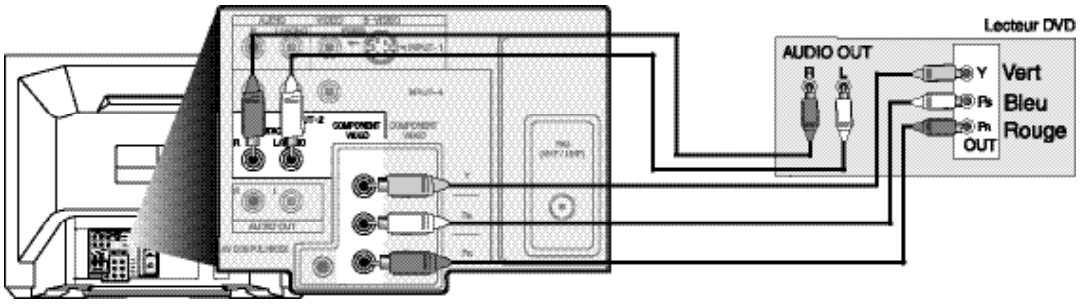


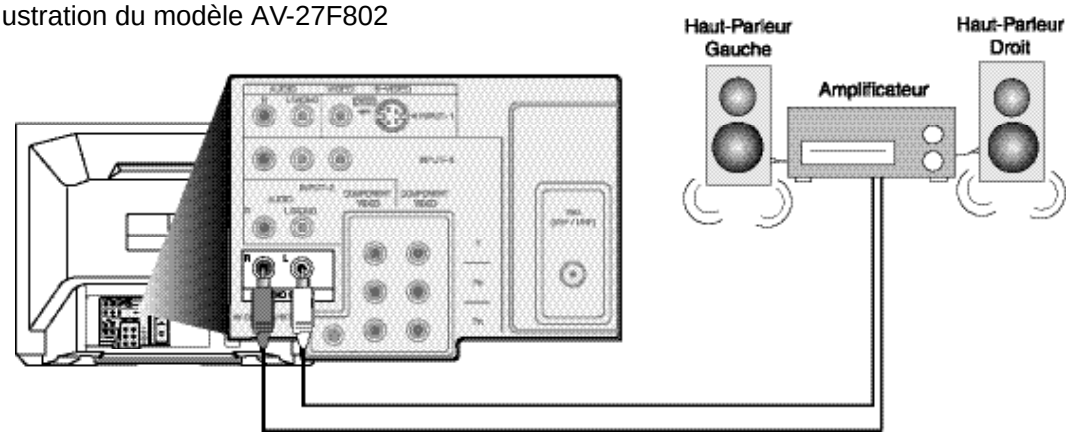
Illustration du modèle AV-27F802

1) Raccordez le câble vert provenant de la sortie composant « Y » du lecteur de DVD à l'entrée du composant « Y » du téléviseur.
2) Raccordez le câble bleu provenant de la sortie composant « P_B » du lecteur de DVD à l'entrée du composant « P_B » du téléviseur.
3) Raccordez le câble rouge provenant de la sortie composant « P_R » du lecteur de DVD à l'entrée du composant « P_R » du téléviseur.
4) Raccordez le câble audio blanc provenant de la sortie audio gauche du lecteur de DVD à l'entrée audio gauche 2 du téléviseur.
5) Raccordez le câble audio rouge provenant de la sortie audio droite du lecteur de DVD à l'entrée audio droite 2 du téléviseur.

- Le vert, le bleu et le rouge sont les couleurs les plus répandues pour les câbles de DVD. Les couleurs peuvent différer sur certains modèles ; veuillez vous reporter au manuel d'instructions pour de plus amples renseignements sur votre lecteur de DVD.
- Veillez à ne pas confondre le câble DVD rouge avec le câble audio rouge. Il est préférable de terminer une série de connexions (sortie audio ou DVD) avant de commencer l'autre afin d'éviter de changer accidentellement les câbles.
- Reportez-vous à la page 20 pour des instructions sur le façon de programmer votre télécommande pour utiliser les fonctions de base de votre lecteur de DVD.
- **AV-36F802, AV-32F802 et AV-27F802 :** Vous pouvez également raccorder le lecteur de DVD à l'entrée 4.Si vous utilisez l'entrée 4 pour la connexion DVD, vous devez mettre le V4 COMPONENT-IN sur le Menu de configuration initiale à la position « OUI » pour un affichage approprié du signal DVD.
- **AV-36F702, AV-32F702 et AV-27F702 :** Si vous utilisez l'entrée 2 (Component-In) pour la connexion DVD, vous devez mettre le V2 COMPONENT-IN sur le Menu de configuration initiale à la position « OUI » pour un affichage approprié du signal DVD.
- **Remarque :** Les lecteurs de DVD progressifs (lecteurs avec un balayage de sortie de 31,50 KHz) ne fonctionneront pas adéquatement avec ce téléviseur.

Connexion à un Amplificateur Extérieur

Illustration du modèle AV-27F802



1) Raccordez le câble audio blanc provenant du jack de sortie audio gauche du téléviseur au jack d'entrée audio gauche de l'amplificateur.
2) Raccordez le câble audio rouge provenant du jack de sortie audio droit du téléviseur au jack d'entrée audio droit de l'amplificateur.

- Reportez-vous également à « H. Parleur TV » et « Sans audio » à la page 38 pour de plus amples renseignements sur l'utilisation des haut-parleurs externes.

Connexion à un Caméscope

Vous pouvez raccorder un caméscope à votre téléviseur en utilisant les jacks d'entrée avant (entrée 3) situés sous la porte du panneau avant. Pour y avoir accès, appuyez doucement sur la porte pour l'ouvrir. Vous pouvez également raccorder une console de jeu ou un autre appareil à l'aide de ces jacks. On peut également raccorder les caméscopes aux jacks d'entrée arrière du téléviseur.

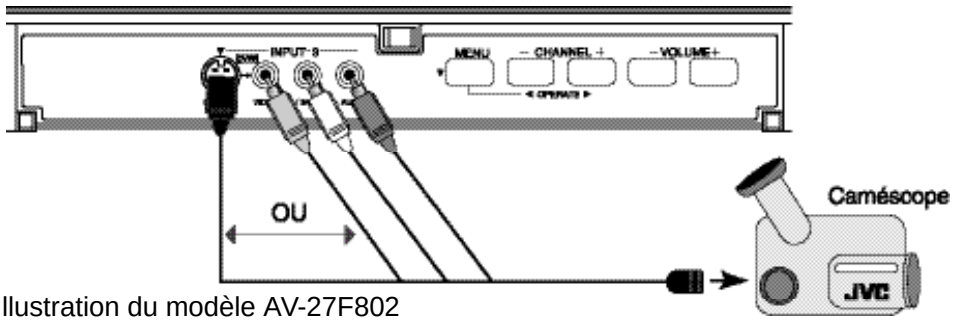


Illustration du modèle AV-27F802

1) Raccordez le câble vidéo jaune provenant de la sortie vidéo du caméscope au jack d'entrée vidéo du téléviseur, **OU** raccordez un câble S-Vidéo depuis la sortie S-Vidéo du Caméscope à l'entrée S-Vidéo du téléviseur.
2) Raccordez le câble audio blanc provenant de la sortie audio gauche du caméscope au jack d'entrée audio gauche du téléviseur.
3) Raccordez le câble audio rouge provenant de la sortie audio droite du caméscope au jack d'en trée audio droit du téléviseur.

- Si votre caméscope est un modèle monophonique, il n'aura qu'un jack audio. Raccordez-le au jack audio gauche du téléviseur.

Connexions

Connexions au Liaison informatique AV de JVC

Le Lien AV informatique JVC automatise entièrement la lecteur des bandes vidéo ou des DVD. Il vous suffit d'insérer une bande pré-enregistrée dans votre magnétoscope de marque JVC ou un DVDdans votre lecteur de DVD JVC et l'appareil se mettra automatiquement en marche et commencera la lecteur. Au même moment, grâce au Lien AV informatique, le magnétoscope ou le lecteur de DVD envoie un signal au téléviseur lui disant de se mettre en marche et de passer à l'entrée vidéo appropriée.

- Il se peut que le câble de la liaison informatique AV soit inclus avec l'accessoire de la liaison informatique AV JVC que vous désirez raccorder. Sinon, contactez un centre de service JVC agréé pour vous procurer la pièce No. EWP 805-012.
- La liaison informatique AV ne peut être utilisée qu'avec les produits de marque JVC.

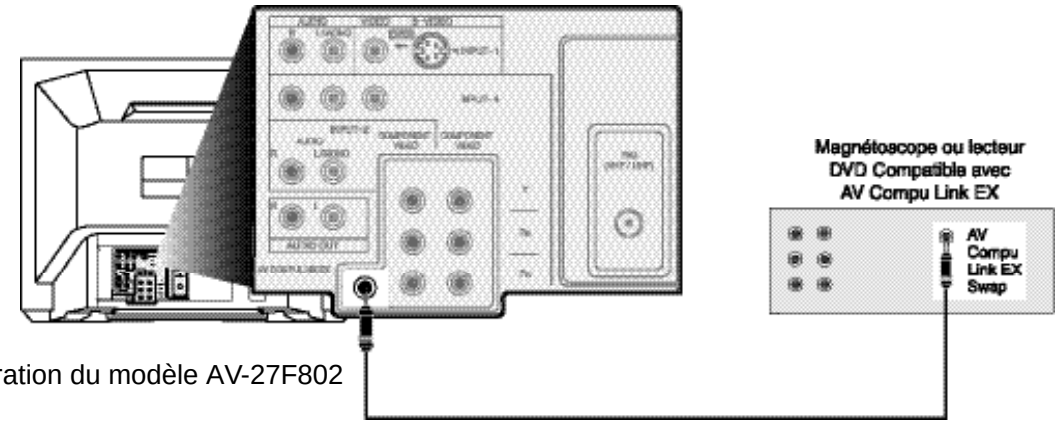
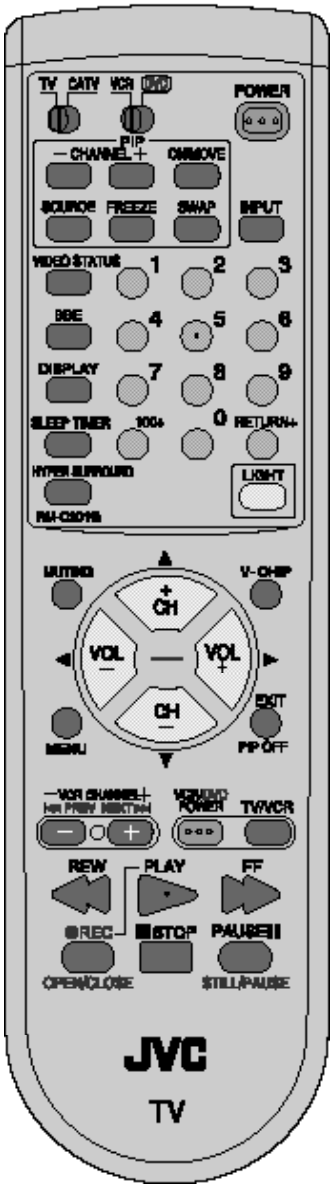


Illustration du modèle AV-27F802

Pour raccorder : Branchez une extrémité du câble de la liaison informatique AV dans l'entrée de liaison informatique AV de votre magnétoscope ou lecteur DVD à liaison informatique. Branchez l'autre extrémité du câble de la liaison informatique AV dans l'entrée de la liaison informatique AV à l'arrière du téléviseur.

REMARQUE :

- La lecture de la bande vidéo ne pourra commencer automatiquement que si les languettes d'enregistrement ont été retirées de la bande VHS. Si la languette est en place, il y aura commutation automatique lorsque vous appuierez sur le bouton PLAY du magnétoscope.
- Le câble de la liaison informatique AV possède une fiche mâle (mono) de 3,5 mm à chaque extrémité.
- Si votre magnétoscope de marque JVC présente une commutation « A Code/B Code Remote Control Switching » (commutation de télécommande code A/code B) (reportez-vous au manuel d'instructions de votre magnétoscope), l'utilisation du Code A magnétoscope commutera le téléviseur à l'entrée 1.
- Si vous utilisez l'entrée 1 pour l'entrée vidéo de votre boîte de câble, utilisez le Code B magnétoscope pour sélectionner l'entrée 2 vidéo TV.
- Pour raccorder un amplificateur ou un récepteur haute fidélité JVC en vue de l'obtention d'un cinéma domestique entièrement automatisé, reportez-vous aux consignes de raccordement de l'appareil haute fidélité pour plus de renseignements sur le raccordement.
- AV COMPU LINK EX est compatible avec les récepteurs suivants:RX-664V, RX-665V, RX-668VBK, RX-774V, RX-778VBK, RX-884V, RX-888VBK, RX-1024V, RX-1028VBK et les modèles subséquents de récepteur.



Fonctiones de base de la télécommande

- Avant de pouvoir utiliser la télécommande, vous devez d'abord poser les piles (fournies). Reportez-vous à la section « Changement des piles » au bas de cette page pour instructions. (Vous trouverez une illustration à la page 8.)
- Appuyez sur le bouton POWER pour mettre la télévision en marche ou à l'arrêt.
- Assurez-vous que le commutateur TV/CATV se trouve sur la position TV. Mettez le commutateur sur la position CATV seulement si vous devez utiliser une boîte de câble.
- Faites glisser le sélecteur VCR/DVD à la position VCR pour commander un magnétoscope, faites glisser à la position DVD pour commander un lecteur de DVD. Veuillez vous reporter aux pages 18 à 20 pour instructions sur la programmation de votre télécommande en vue de l'utilisation d'une boîte de câble, d'un magnétoscope ou d'un lecteur de DVD.
- Appuyez sur les boutons CH+ et CH– pour balayer à travers les canaux. Tapez sur le bouton CH+ ou CH– pour passer à travers les canaux un à la fois.
- Pour passer rapidement à travers les canaux à l'aide de la fonction **Hyperscan** de JVC, enfoncez et tenez les boutons CH+ ou CH–. Les canaux défileront au rythme de cinq par seconde.
- Appuyez sur VOL+ ou VOL– pour augmenter ou baisser le volume. Une barre indicatrice apparaîtra à l'écran pour vous montrer le niveau du volume de la télévision.
- Les boutons CH+/– et VOL +/– servent également à la navigation dans le système JVC de menus à l'écran.
- Vous pouvez accéder directement à des canaux particuliers à l'aide du pavé à 10 touches.
- Pour plus de renseignements sur les fonctions des boutons de la télécommande, reportez-vous aux pages 40 à 45. Pour des informations sur l'utilisation des menus à l'écran, reportez-vous à la page 21.

Remarque : La télécommande modèle RM-C301G est illustrée à gauche. Il se peut qu'une télécommande de modèle différent ait été fournie avec votre téléviseur.

Changement des Piles

Appuyez sur le couvercle arrière de la télécommande et faites-le glisser vers le bas pour le retirer. Installez avec précaution les deux piles AA fournies en repérant les marques « + » et « – » des piles et de la télécommande. Pour éviter un court-circuit, insérez le « – » en premier.

Une fois les piles posées, enclenchez le couvercle en place.

- Si la télécommande se comporte de façon anormale, remplacez les piles. Les piles durent de six mois à un an. Nous vous recommandons d'utiliser des piles alcalines qui durent plus longtemps.

Lorsque vous remplacez les piles, tâchez de le faire en moins de trois minutes. Si l'opération de changement des piles dure plus de trois minutes, vous devrez peut-être réintroduire les codes de la télécommande pour votre magnétoscope, lecteur de DVD et/ou votre boîte de câble (pages 18-20).

Programmation de la Télécommande

Réglage des Codes CATV, Magnétoscope, et lecteur DVD

Vous pouvez programmer votre télécommande de manière à actionner votre boîte de câble, récepteur satellite, magnétoscope ou lecteur de DVD en vous reportant aux instructions et aux codes apparaissant ci-après. Si l'appareil ne répond à aucun des codes énumérés ci-après ou à la fonction de recherche de codes, utilisez la télécommande fournie par le fabricant.

Codes de Boîte de Câble ou d'Antenne Parabolique

La télécommande est programmée avec les codes CATV et/ou antenne parabolique pour la mise en marche et à l'arrêt, le balayage de canaux vers le haut et vers le bas et le clavier à 10 touches.

1) Repérez la marque CATV/antenne parabolique à même la liste des codes apparaissant ci-après.
2) Faites glissez l'interrupteur/sélecteur de mode à deux voies à la position CATV.
3) Appuyez sur le bouton DISPLAY et tenez-le enfoncé.
4) Introduisez le premier numéro de code indiqué au clavier à 10 touches tout en continuant à appuyer sur le bouton DISPLAY.
5) Relâchez le bouton DISPLAY.
6) Assurez-vous que la boîte de câble/le récepteur d'antenne parabolique fonctionne.

- Si votre boîte CATV ou d'antenne parabolique ne répond pas au premier code, essayez les autres codes apparaissant sur la liste. Si elle ne répond à aucun code, essayez la fonction des codes de recherche décrite à la page 50.

Boîtes de Câble	CODES
ABC	024
Archer	032, 025
Cableview	051, 032
Citizen	022, 051
Curtis	058, 059
Diamond	024, 032, 025
Eagle	029
Eastern	034
GC Brand	032, 051
Gemini	022, 043
General Instrument	065, 024, 025, 026, 027, 020, 021, 022, 057, 023
Hamlin	040, 041, 042, 045, 058, 064
Hitachi	049, 024
Jerrold	065, 024, 025, 026, 027, 020, 021, 022, 057, 023
Macom	049, 050, 051, 054
Magnavox	033
Memorex	030
Movietime	032, 051
Oak	039, 037, 048
Panasonic	055, 056, 060, 071
Paragon	063
Philips	028, 029, 030, 052, 053, 031, 069
Pioneer	047, 062
Pulsar	051, 032

Boîtes de Câble	CODES
Puser	032
RCA	061, 070
Realistic	032
Regal	058, 064, 040, 041, 042, 045, 068
Regency	034
Rembrandt	037, 032, 051, 038
Samsung	051
Scientific Atlanta	057, 058, 059
SLMark	051, 047
Sprucer	051, 056
Stargate	032, 051
Telecaption	067
Teleview	047, 051
Texscan	044
Tocom	035, 036, 066
Toshiba	050
Unika	032, 025
Universal	022, 032
Videoway	052
Viewstar	029, 030
Zenith	063, 046
Zenith/Drake Satellite	046

Systèmes D'Antenne Parabolique	CODES
Echostar	100, 113, 114
Express VU	100, 113
G.E.	108
G.I.	108
Gradiente	112
Hitachi	104, 111
HNS (Hughes)	104
Panasonic	105
Philips	102, 103
Primestar	108
Proscan	106, 109, 110
RCA	106, 109, 110
Sony	107
Star Choice	104, 108
Toshiba	101
Uniden	102, 103

Programmation de la Télécommande

Codes de Magnétoscope

La télécommande est programmée avec les codes magnétoscope pour la mise en marche et à l'arrêt, la lecture, l'arrêt, l'avance rapide, le rembobinage et le balayage de canaux vers le haut et vers le bas.

1) Repérez la marque magnétoscope à même la liste des codes apparaissant ci-après.
2) Faites glissez le premier interrupteur/sélecteur à deux voies à la position « TV » et l'autre interrupteur/ sélecteur à deux voies à la position « VCR ».
3) Appuyez sur le bouton DISPLAY et tenez-le enfoncé.
4) Introduisez le premier numéro de code indiqué au clavier à 10 touches tout en continuant à appuyer sur le bouton DISPLAY.
5) Relâchez le bouton DISPLAY.
6) Assurez-vous que le magnétoscope fonctionne.

- Si votre magnétoscope ne répond pas au premier code, essayez les autres codes apparaissant sur la liste. Si elle ne répond à aucun code, essayez la fonction des codes de recherche décrite à la page 50.
- Il se peut que les magnétoscopes de certains fabricants ne répondent pas au bouton TV/VCRmême si d'autres boutons fonctionnent correctement.
- Pour enregistrer, tenez le bouton REC de la télécommande enfoncé et appuyez sur PLAY.

Magnétoscopes	CODES
Admiral	035
Aiwa	027, 032, 095
Akai	029, 072, 073, 074
Audio Dynamic	003, 005
Bell & Howell	063, 071
Broksonic	020, 026, 094
Canon	023, 025
CCE	043
Citizen	064
Craig	063, 029, 064
Curtis Mathes	045, 024, 027, 093
Daewoo	043, 059, 024, 092
DBX	003, 004, 005
Dimensia	045, 093
Emerson	043, 026, 077, 061, 025, 042, 020, 076
Fisher	063, 066, 067, 065, 071, 091
Funai	027, 026, 020, 000
G.E.	033, 045, 024
Go Video	037, 051, 049, 050, 089
Goldstar	064
Gradiente	063, 064, 061, 000, 001
Hitachi	023, 045, 058, 027, 081, 093
Instant Replay	024, 023
Jensen	003
JVC	000, 001, 002, 003, 004, 005
Kenwood	003, 004, 064, 005
LXI	027, 064, 058, 065, 066, 063, 067
Magnavox	031, 023, 024, 086
Marantz	003, 004, 005
Marta	064
Memorex	024, 067
MGA	038, 040, 047, 048, 041, 042
Minolta	058, 045, 093
Mitsubishi	038, 040, 047, 048, 041, 042, 078, 090
Multitech	047, 027, 062
NEC	003, 004, 005, 000
Olympic	024, 023
Optimus	028, 021, 035, 064
Orion	026, 020
Panasonic	023, 024, 021, 022
Penney	024, 058, 045, 063, 003, 004, 005, 093
Pentax	058, 005, 045, 093
Philco	031, 024, 027, 023, 026, 020, 043
Philips	031, 023, 024, 086
Pioneer	023
Proscan	045, 058, 023, 024, 031, 046, 059, 060, 033, 087, 093
Quasar	021, 022, 023, 024
Radio Shack	033, 024, 063, 036, 067, 040, 027
RCA	033, 045, 058, 023, 024, 031, 046, 059, 060, 083, 084, 085, 087, 093
Realistic	024, 063, 036, 067, 040, 027
Samsung	037, 060, 062, 033, 089
Samtron	089
Sansui	003, 026, 020, 052
Sanyo	063, 067, 091, 071
Scott	059, 060, 062, 067, 038, 040, 047, 048, 026, 020
Sears	063, 064, 065, 066, 058, 000, 001
Shintom	075
Sharp	035, 036, 080, 088
Signature 2000	027, 035
Singer	075
Sony	028, 029, 030, 053, 054, 055
SV 2000	027
Sylvania	031, 023, 024, 027
Symphonic	027, 081
Tashiro	064
Tatung	003, 004, 005
Teac	003, 004, 027, 005
Technics	021, 022, 023, 024
Teknika	024, 027, 070
Toshiba	059, 046, 079
Vector Research	005
Wards	035, 036, 067, 044, 064
Yamaha	063, 003, 004, 005
Zenith	044, 082, 064, 094

Programmation de la Télécommande

Codes de lecteur DVD

La télécommande est programmée avec les codes DVD pour la mise en marche et à l'arrêt, la lecture, l'arrêt, l'avance rapide, le rembobinage, chapitre précédent, chapitre suivant, l'overture/la fermeture du plateau, et l'image fixe/la pause.

1) Repérez la marque de lecteur DVD à même la liste des codes apparaissant ci-après.
2) Faites glissez le premier interrupteur/sélecteur à deux voies à la position « TV » et l'autre interrupteur/sélecteur à deux voies à la position « DVD ».
3) Appuyez sur le bouton DISPLAY et tenez-le enfoncé.
4) Introduisez le premier numéro de code indiqué au clavier à 10 touches tout en continuant à appuyer sur le bouton DISPLAY.
5) Relâchez le bouton DISPLAY.
6) Assurez-vous que le lecteur DVD fonctionne.

- Si votre lecteur DVD ne répond pas au premier code, essayez les autres codes apparaissant sur la liste. Si elle ne répond à aucun code, essayez la fonction des codes de recherche décrite à la page 50.
- Après que vous ayez programmé votre télécommande, il se peut que certains boutons DVD ne fonctionnent pas adéquatement. Si certains boutons ne fonctionnent pas adéquatement, utilisez la télécommande qui était fournie avec votre lecteur DVD.

Lecteur DVD	CODES	Lecteur DVD	CODES
Aiwa	043	Raite	033
Apex	040	RCA	021, 026
Denon	020, 037	Sampo	034
Hitachi	030, 031	Samsung	030
JVC	000	Sharp	028
Kenwood	035	Silvania	038
Konka	039	Sony	024, 045, 046, 047
Mitsubishi	025		
Onkyo	041	Technics	020
Oritron	044	Toshiba	023
Panasonic	020	Wave	042
Philips	023, 036	Yamaha	020
Pioneer	022	Zenith	027, 032

Utilisation de ce Guide

Les flèches montante et descendante signifient d'appuyer sur les boutons Channel Up ou Channel Down. Une pression des boutons de flèche montante ou descendante vous permet de :

▲▼ Les flèches montante et descendante signifient d'appuyer sur les boutons Channel Up ou Channel Down. Une pression des boutons de flèche montante ou descendante vous permet de :

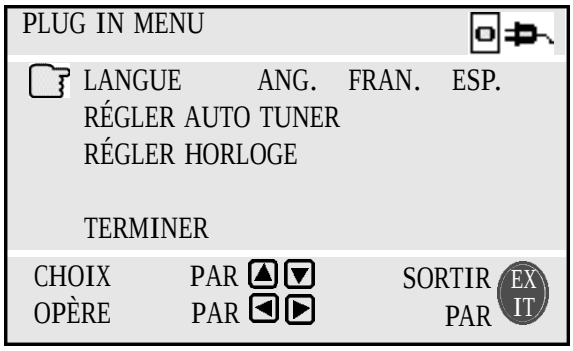
- vous déplacer verticalement dans l'écran du menu principal
- vous déplacer à travers un sous-menu
- passer à la lettre ou au nombre suivant, ou autre choix dans un sous-menu
- revenir en arrière afin de corriger une erreur
- balayer les canaux de télévision (lorsque vous n'êtes pas dans un menu)

◄► Les flèches gauche et droite signifient d'appuyer sur le bouton Volume Left ou Volume Right pour :

- sélectionner l'élément mis en relief dans un menu
- sélectionner les options d'un sous-menu
- sélectionner les numéros de certaines options de menu
- monter ou baisser le volume (lorsque vous n'êtes pas dans un écran de menu)

Appuyez sur le bouton « Appuyez » signifie qu'il faut appuyer sur ce bouton de la télécommande.

La « main d'aide »est dirigée vers l'élément en surbrillance ou sélectionné dans un menu.



Les Menus à l'Écran :

Pour faire remonter le menu à l'écran , appuyez sur le bouton MENU de la télécommande. L'élément qui apparaît en jaune est l'élément sélectionné. Si vous appuyez à nouveau sur le bouton MENU, l'affichage à l'écran passera à l'écran de menu suivant. Le « Plug In Menu » apparaîtra la première fois que le téléviseur sera branché.

Remarque : Les menus apparaissant dans ce manuel sont des illustrations et non des reproductions exactes des affichages à l'écran du téléviseur.

Plug In Menu

Introduction

Le Plug In Menu remonte automatiquement lorsque vous mettez le téléviseur en marche la première fois après l'avoir branché. Le Plug In Menu vous aide à préparer votre téléviseur à l'utilisation en vous permettant de fixer vos choix pour :

- la langue dans laquelle vous voulez que les menus à l'écran apparaissent,
- la configuration automatique du sélecteur des canaux que vous désirez recevoir,
- le réglage de l'horloge TV à la bonne heure de manière à ce que vos fonctions de minuterie fonctionnent adéquatement.

Des descriptions de chacune des fonctions du Plug In Menu apparaissent sur cette page et sur la page suivante. Nous vous recommandons de terminer la configuration du Plug In Menu en premier de manière à ce que votre téléviseur soit immédiatement configuré de la manière dont vous le désirez.

Langue

Faites votre choix entre l'anglais, le français ou l'espagnol pour les écrans des menus et des affichages.

Appuyez sur le bouton MENU

▲▼ Pour LANGUE

◀▶ Pour choisir une langue

ANGLAIS ↔ FRANÇAIS ↔ ESPAGNOL

- Vous n'aurez pas besoin d'appuyer sur le bouton Menu pour accéder à cet écran depuis le Plug In Menu.

Régler Auto Tuner

Au cours de la configuration automatique du sélecteur, le téléviseur analyse automatiquement tous les canaux disponibles, met en mémoire ceux qui sont actifs et saute les canaux vides ou ceux dont le signal est faible. Ceci signifie que, lorsque vous balayez (à l'aide des boutons CHANNEL +/–), vous ne recevez que des canaux clairs et actifs.

Appuyez sur le bouton MENU

▲▼ Pour RÉGLER AUTO TUNER

◀▶ Pour exécuter

◀▶ Pour choisir CÂBLE ou ANT.

▲▼ Pour passer à la position COMMENCER

◀▶ Pour commencer configuration automatique du sélecteur

PROGRAMMATION
EN COURS
48

La programmation durera 1 à 2 minutes.

PROGRAMMATION TERMINÉE

- Bruit réduit est hors service au cours de la configuration automatique du sélcteur.
- Vous n'aurez pas besoin d'appuyer sur le bouton Menu pour accéder à cet écran depuis le Plug In Menu.

Régler Horloge Automatique

Vous devez d'abord régler l'horloge avant d'utiliser l'une quelconque des fonctions de minuterie de votre téléviseur. Vous pouvez régler votre horloge avec précision à l'aide du signal horaire XDS diffusé par la plupart des stations PBS. Pour régler l'horloge à l'aide du signal XDS :

Introduisez le numéro de canal de votre station PBS locale

Appuyez sur MENU

▲▼ Pour RÉGLERHORLOGE

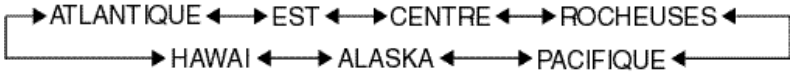
◀▶ Pour exécuter

◀▶ Pour AUTO.

MODE	AUTO.	MANUEL
TIME ZONE		PACIFIQUE
D.S.T.		ON OFF
	TERMINER	

▲▼ Vers TIME ZONE

◀▶ Pour sélectionner votre fuseau horaire



▲▼ Pour passer à l'heure avancée (D.S.T.)

◀▶ Pour activer ou inhiber l'heure avancée

▲▼ Pour TERMINER

◀▶ Pour quitter et mettre les réglages en mémoire

- Si vous n'avez pas de poste PBS dans votre région, vous devrez régler l'horloge manuellement.Reportez-vous à « Régler Horloge Manuel » en haut de la colonne suivante pour instructions.
- La fonction heure avancée ajuste automatiquement l'horloge de votre téléviseur pour l'heure avancée. L'horloge avancera d'une heure à 2 heures du matin le premier dimanche d'avril. L'horloge reculera d'une heure à 2 heures du matin le dernier dimanche d'octobre.
- Vous n'aurez pas besoin d'appuyer sur le bouton Menu pour accéder à cet écran depuis le Plug In Menu.

Plug In Menu

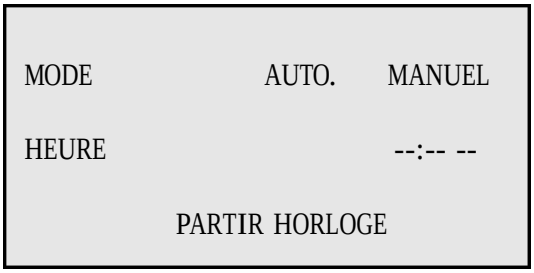
Régler Horloge Manuel

Pour régler votre horloge manuellement (sans utiliser le signal XDS), choisissez MANUEL depuis le menu Régler horloge et suivez les étapes ci-après.

▲▼ Pour RÉGLERHORLOGE

◀▶ Pour exécuter

◀▶ Pour MANUEL



▲▼ Pour passer à l'heure

◀▶ Pour régler l'heure

▲▼ Pour passer aux minutes

◀▶ Pour régler les minutes

▲▼ Pour PARTIR HORLOGE

◀▶ Pour démarrer l'horloge et quitter

- Vous n'aurez pas besoin d'appuyer sur le bouton Menu pour accéder à cet écran depuis le Plug In Menu.

Terminer

Lorsque les éléments du Plug In Menu sont réglés à vos choix personnels, passez à l'option Finish pour mettre vos réglages en mémoire.

▲▼ Pour TERMINER

◀▶ Pour mettre les réglages en mémoire et quitter

- Vous pouvez modifier les choix que vous avez définis dans le Plug In Menu à tout moment à l'aide du système de menus à l'écran JVC.

REMARQUE :

Vous devrez remettre l'horloge à l'heure après une panne secteur. Vous devez régler l'horloge avant d'utiliser l'une quelconque des fonctions de minuterie.

Sommaire Canaux

Sommaire canaux vous permet de particulariser l'éventail de canaux reçus par votre téléviseur. Vous pouvez ajouter ou éliminer des canaux de la liste de balayage ou les verrouiller afin d'empêcher des spectateurs non autorisés de regarder un ou plusieurs parmi ces canaux (jusqu'à 181).

Appuyez sur le bouton MENU

▲▼ Pour SOMMAIRE CANAUX

◀▶ Pour exécuter

CANº.	BALAYA.		CANº.	BALAYA.	
01			06	✓	
02	✓		07		
03	✓		08		
04	✓		09	✓	
05	✓		10	✓	

L'écran Sommaire canaux (au-dessus) affichera maintenant les canaux à balayer marqués d'un « ✓ ». Vous pouvez supprimer des canaux du balayage en retirant le « ✓ ». Si des canaux ont été manqués durant la configuration automatique du sélecteur et que vous désirez les ajouter, vous pouvez le faire en plaçant un « ✓ » à côté du numéro du canal.

▲▼ Pour accéder à la colonne BALAYAGE

◀▶ Pour inclure ou éliminer de la liste de balayage

EXIT lorsque vous avez terminé

Vous pouvez bloquer accés à canal avec Channel Guard.

▲▼ Pour SOMMAIRE CANAUX

◀▶ Pour exécuter

▲▼ Pour accéder à la colonne de verrouillage

Appuyez sur le code d'accès ZÉRO (0) pour verrouiller ou déverrouiller ce canal

Appuyez pour quitter une fois terminé

Message dUn canal réervé

Ce message apparaît quand un spectateur tente de regarder un canal réservé :

```
CE CANAL EST VERROUILLÉ
PAR CODE
ENTRER CODE DE CONTRÔLE
AU CLAVIER DE 10 CHIFFRES
          POUR LE LIBÉRER
             NO - - - -
```

Pour regarder un canal que vous avez verrouillé, entrez le code de verrouillage en utilisant le pavé numérique à 10 touches.

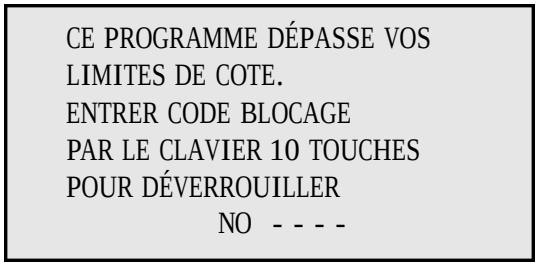
Si un code erroné est entré, le message suivant apparaît : CODED'ACCÈS INVALIDE

Il est impossible d'accéder à ce canal jusqu'à ce que le code correct soit introduit.

- Une fois un canal déverrouillé, il demeurera déverrouillé jusq'à ce que le téléviseur soit mis à l'arrêt.
- Reportez-vous « Régler Code Verrouiller », page 33.

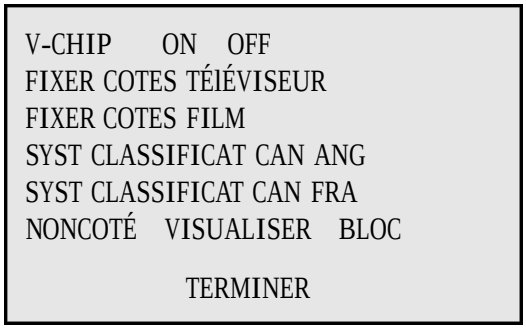
V-Chip

Votre téléviseur est pourvu de la technologie puce V, ce qui permet aux parents d'imposer des Directives parentales pour la télévision (aux États-Unis et au Canada) et les films (MPAA). La technologie de la puce V vous permet de programmer votre téléviseur de manière à recevoir, ou à ne pas recevoir, certains programmes sur la base de leur contenu conformément aux directives. Les programmes qui dépassent les limites de cotes que vous imposez seront bloqués. Lorsqu'un spectateur tente de voir un canal bloqué, le message suivant apparaît :



Le canal demeurera bloqué jusqu'à l'introduction du code de verrouillage approprié (reportez-vous à la page 33 pour obtenir des informations sur le réglage de votre code de verrouillage).

Vous pouvez adapter les réglages de la puce V de votre téléviseur à vos goûts personnels. Le menu V-Chip ci-après est le point de départ de vos réglages de puce V.



Vous pouvez utiliser les réglages américains de puce V (pour les programmes diffusés depuis les États-Unis), les réglages canadiens de puce V (pour les programmes diffusés depuis le Canada) et les cotes de film. Vous pouvez utiliser l'un quelconque des réglages ou tous les réglages (puce V US, puce V Canada, cotes de film). Des descriptions pour le réglage de chacun des trois formats de puce V apparaissent dans les sept pages qui suivent, accompagnées de descriptions des catégories de cotes.

Pour accéder aux catégories de cotes :

Appuyez sur le bouton MENU

▲▼ Vers V-CHIP

◀▶ Pour exécuter (l'icône de verrouillage aparaît)

Appuyez sur ZERO pour accéder au menu Puce V

◀▶ Pour activer (ON) ou inhiber (OFF) la puce V (la puce V doit être activée pour que les réglages de cotes fonctionnent).

▲▼ Pour passer à FIXER COTES TÉLÉVISEUR, FIXER COTES FILM ou SYST CLASSIFICATCAN (reportez-vous aux pages suivantes pour des descriptions de chaque option).

Remarque spéiale au sujet des cotes

Certains programes ne possèdent pas de signal de cote. Par conséquent, même si vous configurez la puce V, ces programmes ne seront pas verrouillés. Les parents sont avisés de regarder préalablement le contenu de ces programmes ou de ces films.

Fixer Cotes Téléviseur (Systèmes Américains)

SYSTÈMES AMÉRICAINS DE COTES PARENTALES

Les programmes possédant les cotes suivantes sont appropriés pour les enfants.

- **TV Y est approprié pour tous les enfants.**
  Les programmes sont réalisés pour de très jeunes spectateurs et ils devraient convenir à tous les âges, y compris les enfants âgés de 2 à 6 ans.
- **TV Y7 est destiné aux enfants plus âgés.**
  La plupart des parents trouveraient ces programmes convenables pour les enfants âgés de 7 ans et plus. On peut y trouver une certaine violence de comédie ou de fantaisie peu sévère. Les enfants devraient pouvoir distinguer la réalité de la fantaisie.

Les programmes possédant les cotes suivantes sont appropriés pour l'ensemble des spectateurs.

- **TV G signifie Audience Générale .**
  La plupart des parents trouveraient ces programmes convenables pour tous les groupes d'âge. Ils contiennent peu de violence, voire même aucune, aucun langage choquant, et peu de dialogue ou de situations sexuels, voire même aucun.
- **TV PG Direction parentale suggérée .**
  Peut contenir un certain langage choquant, mais pas beaucoup, une violence limitée, et un certain dialogue ou certaines suggestions à teneur sexuelle suggestive. Il est recommandé aux parents de regarder ces programmes en premier, ou de les regarder avec leurs enfants.
- **TV 14 Parents fortement mis en garde.**
  Les programmes contiennent un matériel qui peut ne pas convenir aux enfants de moins de 14 ans, notamment une possibilité de violence intense, de situations sexuelles, de langage grossier et choquant, ou de dialogue fortement suggestif. Les parents sont mis en garde contre l'écoute sans surveillance par des enfants de moins de 14 ans.
- **TV MA Audiences adultes seulement.**
  Ces programmes sont destinés spécifiquement aux adultes, et il se peut qu'ils ne conviennent pas à une personne âgée de moins de 17 ans. Les programmes TV MA peuvent présenter un important contenu V, S, L ou D.

Directives d'écoute

Outre les catégories de cotes expliquées ci-dessus, des informations sont également fournies avec la cote puce V sur des types précis de contenu. Ces types de contenu peuvent également être bloqués. Les types de contenu sont les suivants :

- **V/FV** signifie VIOLENCE/VIOLENCE FANTAISIE
- **S** signifie CONTENU SEXUEL
- **L** signifie LANGAGE choquant
- **D** signifie DIALOG suggestif

V-Chip

Fixer Cotes Téléviseur

Appuyez sur le bouton MENU

▲▼ Vers V-CHIP

◀▶ Pour exécuter (l'icône 🔒 de verrouillage aparaît)

Appuyez sur ZERO pour accéder au menu Puce V

```
V-CHIP      ON   OFF
FIXER COTES TÉLÉVISEUR
FIXER COTES FILM
SYST CLASSIFICAT CAN ANG
SYST CLASSIFICAT CAN FRA
NONCOTÉ   VISUALISER   BLOC

              TERMINER
```

◀▶ Pour activer (ON) ou inhiber (OFF) la puce V

▲▼ Pour passer à FIXERCOTES TÉLÉVISEUR

◀▶ Pour exécuter

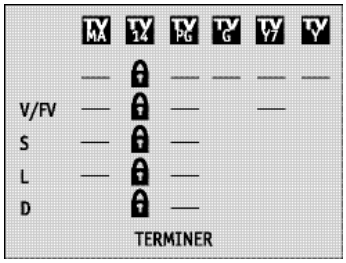
Pour configurer les cotes de Directives Parentales TV (EU) :

Alignez le curseur de la colonne (TV PG, TV G, etc.) sur la rangée contenu (V/FV, S, etc.) et appuyez sur ▲ or ▼ pour déplacer le curseur à l'emplacement correct. Appuyez sur ◀ or ▶ pour activer ou inhiber la fonction de verrouillage. Un élément est verrouillé si apparaît l'icône 🔒 plutôt qu'un « – ».

Exemple. Pour bloquer l'écoute de tous les programmes TV 14, déplacez le curseur à la rangée supérieure de cette colonne et ajoutez une icône de verrouillage. Lorsque vous aurez placé un verrou sur la rangée supérieure, tout ce qui se trouve dans cette colonne sera verrouillé automatiquement.

▲▼ Vers la colonne TV 14

◀▶ Pour activer le verrouillage



▲▼ Pour TERMINER

◀▶ Pour mettre les réglages en mémoire et quitter

- Si vous désirez modifier la configuration, déplacez le curseur à la colonne supérieure et modifiez l'icône de verrouillage à « – ». Vous pouvez alors sélectionner des catégories individuelles à bloquer.

Fixer cotes avec le bouton V-Chip

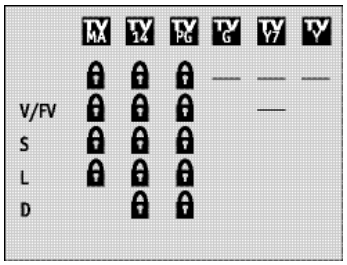
Pour accéder aux informations de cote au sujet d'un programme particulier, appuyez sur le bouton de la puce V tout en regardant ce programme. Le message suivant apparaît :

Si vous décidez que vous voulez bloquer cette catégorie d'écoute, appuyez sur « 0 » pendant que l'écran ci-dessus est visible, et tous les programmes de cette catégorie seront verrouillés.

Exemple 1 :

Si vous voulez définir vos réglages V-Chip (puce V) de manière à bloquer tous les programmes au-dessus de TV PG.

Appuyez sur ZERO lors de l'affichage de TV-PG

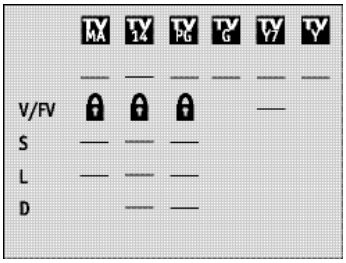


Toute la programmation au-dessus de TV-PG sera bloquée.

Exemple 2 :

Si vous voulez configurer vos réglages de la puce V de manière à bloquer toute la programmation au-dessus d'un réglage courant tel que TV PG-V (avec violence) :

Appuyez sur ZERO lors de l'affichage de TV PG-V



Toute la programmation au-dessus de TV-PG-V avec violence sera bloquée.

- En ce qui concerne l'écoute des enfants, vous pouvez bloquer les programmes TV-Y et Y7 en appuyant sur « 0 » lorsque Y est affiché durant un programme. Les programmes pour publics autres que des enfants ne seront pas touchés.

V-Chip

Fixer Coté Film

- **NR - Non coté**
  Il s'agit d'un film non coté. Ces films sont souvent importés de pays qui n'utilisent pas le système de cotes MPAA. D'autres films non cotés peuvent être l'oeuvre de réalisateurs amateurs qui n'avaient pas l'intention de diffuser leur film dans le grand public.

  La programmation NR (non coté) peut contenir tous les types de programmation, y compris des programmes pour enfants, des programmes étrangers ou du matériel adulte.
- **G - Audience Générale .**
  Selon le conseil d'étude, ces films ne contiennent rien en fait de contenu sexuel, violence ou langage qui ne conviendrait pas à un public de quelque âge que ce soit.
- **PG - Direction Parentale .**
  La Direction parentale signifie que le film peut présenter un certain contenu tel que faible violence, une brève scène de nudité et un langage fort. Le contenu n'est pas réputé intense.
- **PG-13 - Parents Fortement Avisés.**
  Les parents ayant des enfants de moins de 13 ans sont avisés que le contenu de films ainsi cotés peut comprendre un contenu sexuel et de langage plus explicite et plus de violence que les films cotés PG.
- **R - Restreint.**
  Ces films contiennent du matériel de nature explicite, et ils ne sont pas recommandés pour des enfants de moins de 17 ans sans supervision.
- **NC-17 - Personne de moins de 17 ans.**
  Ces films sont considérés comme étant ce que la plupart des parents jugeraient trop adulte pour l'écoute de leurs enfants, et ils peuvent contenir un langage choquant, des scènes de nudité, de la violence et des sujets suggestifs et explicites.
- **X - Personne de moins 18 ans.**
  Inappropriate material for anyone under 18.

Instructions pour bloquer l'écoute de films :

Appuyez sur le bouton MENU

▲▼ Vers V-CHIP

◀▶ Pour exécuter (l'icone 🔒 de verrouillage apparaît)

Appuyez sur ZERO pour accéder aux options de configuration de la puce V

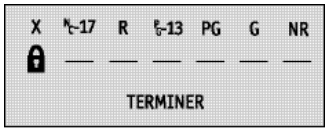
▲▼ Pour passer à FIXER COTESFILM

◀▶ Pour accéder au menu des cotes

Ainsi, pour interdire aux spectateurs les programmes X et NC-17 :

▲▼ Vers la colonne X

◀▶ Pour activer le verrouillage



▲▼ Vers la colonne NC-17

◀▶ Pour activer le verrouillage

▲▼ Pour TERMINER

◀▶ Pour enregistrer les réglages et quitter

Cotes Canadiennes de puce V

- **E - Exemptés.**
  Les programmes exempts comprennent : les informations, les émissions sportives, les documentaires et autres programmes d'information, les débats, les vidéos de musique, et les programmes de variétes.
- **G - Général.**
  Directives de violence :il n'y aura aucune scène réaliste de violence. Les descriptions de comportements agressifs seront rares et limitées à des représentations de nature clairement fictive, comique ou irréaliste.
- **8ans+ - Général - Déconseillé aux jeunes enfants.**
  Directives de violence :toute description réaliste de violence sera rare, discrète ou peu intensive, et montrera les conséquences des actes. Il n'y aura ni langage choquant, ni nudité, ni contenu sexuel.
- **13ans+ - Cette émission peut ne pas convenir aux enfants de moins de 13 ans.**
  Programmes destinés à une audience générale, mais qui peuvent ne pas convenir à de jeunes enfants. Les parents peuvent juger que certain contenu ne convient pas à des enfants âgés de 8 à 13 ans.
- **16ans+ - Cette émission ne convient pas aux moins de 16 ans.**
  Les parents sont fortement avisés d'exercer leur discrétion avant d'autoriser l'écoute par des pré-adolescents et des jeunes adolescents. Les programmes peuvent contenir des thèmes mûrs ainsi que des scènes de violence intense.
- **18ans+ - Cette émission est réservé aux adultes.**
  Matériel destiné uniquement à un public adulte.

Instructions pour configurer les cotes Canadiennes de puce V :

Appuyez sur le bouton MENU

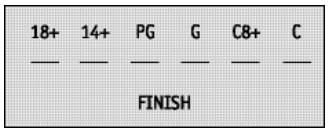
▲▼ Vers V-CHIP

◀▶ Pour exécuter (l'icone 🔒 de verrouillage apparaît)

Appuyez sur ZERO pour accéder aux options de configuration de la puce V

▲▼ Pour passer à SYST CLASSIFICAT CAN FRA (pour Français)

◀▶ Pour accéder au menu des cotes



Ainsi, pour interdire aux spectateurs les programmes 16ans+ and 18ans+ :

▲▼ Vers la colonne 18ans+

◀▶ Pour activer le verrouillage

▲▼ Vers la colonne 16ans+

◀▶ Pour activer le verrouillage

▲▼ Pour TERMINER

◀▶ Pour enregistrer les réglages et quitter

Pour obtenir des instructions sur « SYST CLASSIFICAT CAN ANG (en anglais) », veuillez vous reporter à la page 31 du côté anglais du présent manuel.

Programmes Non Coté

Remarques au sujet des programmmes non coté:

La programmation non cotée désigne tout programme qui ne contient pas de signal de cote. Les programmes des postes de télévision qui ne transmettent pas de signaux de cote seront dans la catégorie « Programmation non cotée ».

Exemples de programmes non cotés :

Bulletins d'urgence
Programmes d'origine locale
Informations
Programmes Politiques
Annonces de Sevices Publics
Programmes Religeux
Sports
Météo
Certaines récames télévisées

- Les films ou les programmes de télévision qui n'ont pas de signal de cote seront bloqués si la catégorie non cotée est mise à BLOC (Verrouillage).

Instructions pour bloquer les programmes non coté :

Vous pouvez bloquer des programmes qui ne sont pas cotés.

Appuyez sur le bouton MENU

▲▼ Vers V-CHIP

◀▶ Pour exécuter (l'icone de verrouillage apparaît)

Appuyez sur ZERO pour accéder aux options de configuration de la puce V

▲▼ Vers NONCOTÉ

NONCOTÉ	VISUALISER	BLOC

◀▶ Pour VISUALISER ou BLOC

Appuyez sur EXIT une fois terminé

Régler Code Verrouiller

Les réglages de canal réservé et de puce V sont protégés par un code de verrouillage à quatre chiffres. Votre téléviseur est offert préréglé avec un code de verrouillage de 0000. Vous pouvez changer le code à tout numéro à quatre chiffres que vous désirez. Pour changer le code de verrouillage, suivez les étapes ci-après.

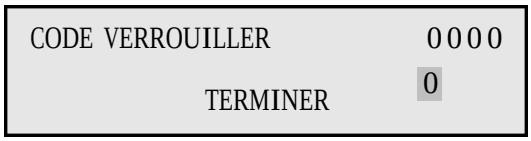
Appuyez sur le bouton MENU

▲▼ Pour RÉGLER CODE VERROUILLER

◀▶ Pour exécuter

L'icône du candenas apparaît

Appuyez sur zéro pour accéder au code de verrouillage



Le premier chiffre sera mis en relief

◀▶ Pour choisir le nombre

▲▼ Pour passer au chiffre suivant

Continuez à suivre ces instructions pour entrer les quatre chiffres.

▲▼ Pour TERMINER

◀▶ Pour enregistrer les réglages et quitter

Votre code de verrouillage est maintenant défini.

REMARQUE :

- Après une panne secteur, vous devez introduire un nouveau code de verrouillage.
- Écrivez votre numéro de code de verrouillage et cachez-le.
- Si vous oubliez le code de verrouillage, vous pouvez en entrer un de la même manière.

Réglages de l'image

Teinte

La teinte vous permet de régler les niveaux de rouge et de vert dans l'image de votre téléviseur.

Appuyez sur le bouton MENU

▲▼ Pour TEINTE

▶ Pour augmenter le vert

◀ Pour augmenter le rouge

▲▼ Pour passer à l'option suivante

Couleur

La fonction Couleurs vous permet de rendre toutes les couleurs de l'image du téléviseur plus vives ou plus subtiles.

Appuyez sur le bouton MENU

▲▼ Pour COULEUR

▶ Pour rendre les couleurs plus vives

◀ Pour atténeur les couleurs

▲▼ Pour passer à l'option suivante

Image

Cette fonction vous permet d'ajuster les niveaux de noir et de blanc sur l'écran du téléviseur, afin d'obtenir une image d'ensemble plus sombre ou plus claire.

Appuyez sur le bouton MENU

▲▼ Pour IMAGE

▶ Pour augmenter le contraste

◀ Pour diminuer le contraste

▲▼ Pour passer à l'option suivante

Clarté

Permet de régler le niveau de luminosité.

Appuyez sur le bouton MENU

▲▼ Pour CLARTÉ

▶ Pour éclairer l'image

◀ Pour assombrir l'image

▲▼ Pour passer à l'option suivante

Détail

Le détail permet de régler le niveau des détails dans une image.

Appuyez sur le bouton MENU

▲▼ Pour DÉTAIL

▶ Pour rendre l'image plus nette (plus de détails)

◀ Pour rendre l'image plus douce (moins de détails)

▲▼ Pour passer à l'option suivante

Bruit Réduit

Cette fonction insère un écran bleu vide par-dessus les canaux qui ne transmettent pas ou qui sont trop faibles pour être reçus clairement.

Appuyez sur le bouton MENU

▲▼ Pour BRUITRÉDUIT

◀▶ Pour activer ou inhibiter le Bruit Réduit

- Bruit Rèduit ne fonctionnera pas durant la configuration automatique du selecteur ni lorsque vous utiliserez le Sommaire Canaux.

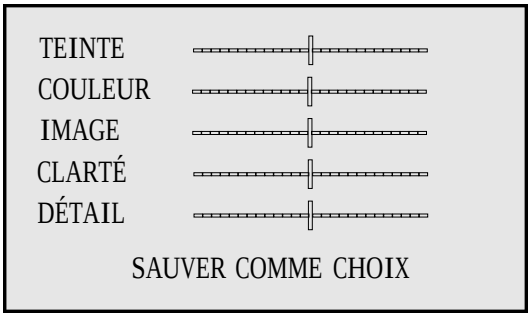
Régler Statut Vidéo

Grâce à cette fonction, vous pouvez mettre en mémoire votre propre série de réglages de qualité de l'image en tant que « Choix » pour y avoir accès ultérieurement sur simple pression d'un bouton.

Appuyez sur le bouton MENU

▲▼ Pour RÉGLER STATUT VIDÉO

◀▶ Pour exécuter



◀▶ Pour régler les niveaux de TEINTE

▲▼ Pour passer à l'option suivante

Répétez les étapes ci-dessus pour régler chaque option.

▲▼ Pour SAUVER COMME CHOIX

◀▶ Pour mettre les réglages en mémoire et quitter

- Vous devez utiliser SAUVER COMME CHOIX pour sortir du menu Régler statut vidéo, sinon vos préférences ne seront pas mises en mémoire.
- Vous pouvez avoir accès à vos réglages "Choix" à n'importe quel moment en appuyant sur le bouton VIDEO STATUS de la télécommande.

REMARQUE :

L'écran de réglages disparaîtra si vous n'effectuez aucun réglage ou si vous ne passez pas à l'option suivante en environ trois secondes. Tout changement apporté aux réglages de l'image jusqu'à ce point sera sauvegardé. Pour quitter à tout moment le menu des réglages de l'image, appuyez sur le bouton Exit de la télécommande.

Réglages du Son

Basse

La fonction de réglage de niveau Basse vous permet de monter ou de réduire le niveau des sons à basse fréquence du téléviseur.

Appuyez sur le bouton MENU

▲▼ Pour BASSE

▶ Pour augmenter le niveau des graves

◀ Pour diminuer le niveau des graves

▲▼ Pour passer à l'option suivante

Aigu

La fonction de réglage de niveau Aigu vous permet de monter ou de réduire le niveau des sons à haute fréquence du téléviseur.

Appuyez sur le bouton MENU

▲▼ Pour AIGU

▶ Pour augmenter le niveau des aigus

◀ Pour dimuner le niveau des aigus

▲▼ Pour passer à l'option suivante

Balance

La fonction de réglage de la balance vous permet de régler le niveau sonore entre les deux haut-parleurs du téléviseur.

Appuyez sur le bouton MENU

▲▼ Pour BALANCE

▶ Pour déplacer la balance vers le haut-parleur droit

◀ Pour déplacer la balance vers le haut-parleur gauche

▲▼ Pour passer à l'option suivante

MTS (Son Multi Canaux)

La technologie MTS permet la diffusion simultanée de plusieurs signaux audio, ce qui vous donne le choix de ce que vous voulez entendre avec un programme de télévision.Outre le son monophonique ou stéréophonique, une diffusion MTS peut également comprendre un deuxième programme audio (SAP).

Appuyez sur le bouton MENU

▲▼ Pour MTS

◀▶ Sélectionnez le mode

(La flèche EN ONDE vous informe si le signal en cours de transmission contient des informations STÉRÉO ou SAP.)

- Gardez le téléviseur en mode STÉRÉO afin d'obtenir la meilleure qualité sonore. Le son sera diffusé en mode STÉRÉOPHONIQUE même si une certaine diffusion est en son MONOPHONIQUE seulement.
- Choisissez le réglage MONO afin de réduire le bruit excessif d'un canal ou d'un programme.
- SAP vous permet d'écouter une autre piste sonore, si elle est disponible.

REMARQUE :

Pour quitter à tout moment le menu des réglages du son, appuyez sur le bouton EXIT de la télécommande.

Purete

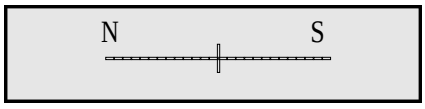
Ceci aide à nettoyer l'image pour y enlever la « neige ».

Appuyez sur le bouton MENU

▲▼ Pour PURETE

◀▶ Pour introduisez

◀▶ Pour réglage purete



Minuterie On/Off

Faites savoir à votre téléviseur quand il doit se mettre en marche ou s'arrêter. Utilisez cette fonction en tant qu'alarme pour vous réveiller, pour vous rappeler l'heure d'un programme important ou encore comme un agent de diversion quand vous êtes en dehors de la maison.

Appuyez sur le bouton MENU

▲▼ Pour MINUTERIE ON/OFF

◀▶ Pour exécuter (commence par HEURE DÉBUT)

◀▶ Pour régler l'heure (AM/PM) de mise en marche du téléviseur

▼ Pour passer aux minutes

◀▶ Pour régler les minutes

▼ Pour accepter HEUREDÉBUT et passer à HEURE FIN (l'heure à laquelle le téléviseur se mettra à l'arrêt). Réglez l'HEURE FIN de la même manière que l'HEURE DEBUT

▼ Pour accepter HEURE FIN et passer à CANAL

◀▶ Pour choisir le canal

▼ Pour passer à MODE

◀▶ Choisissez UNE FOIS ou PAR JOUR

▼ Pour MINUTERIE ON/OFF

◀▶ Choisissez OUI pour accepter le réglage de minuterie, choisissez NON si vous ne voulez pas l'accepter

▼ Pour TERMINER

◀▶ Pour enregistrer les réglages

Remarque sur la minuterie On/Off pour PIP (AV-36F802, AV-32F802 et AV-27F802) seulement.

Si le téléviseur est en marche lorsqu'un événement programmé est sur le point de commencer, une fenêtre Prévisualisation de minuterie apparaîtra. La fenêtre Prévisualisation de minuterie apparaîtra dans le coin inférieur droit de l'écran sept secondes avant que la minuterie ne doive commencer. Lorsque la minuterie sera actionnée, l'image Prévisualisation deviendra l'image principale.

REMARQUE :

- On ne peut régler la minuterie On/Off sur des canaux bloqués ou protégés.
- La minuterie On/Off ne peut fonctionner si l'horloge n'est pas réglée.
- Les réglages de minuterie doivent être refaits après une panne secteur.

H. Parleur TV

Si votre téléviseur est raccordé à une chaîne stéréophonique, vous pouvez mettre les haut-parleurs du téléviseur hors service et écouter avec les haut-parleurs de votre chaîne.

Appuyez sur le bouton MENU

▲▼ Pour H. PARLEUR TV

H. PARLEUR TV	ON	OFF

◀▶ Pour mettre en/hors service les haut-parleurs TV

Appuyez sur EXIT une fois terminé

- Avant de remettre en service les haut-parleurs du téléviseur, assurez-vous de diminuer le volume du son ! En cas de volume élevé, le son devient extrêmement fort.
- Après une panne secteur, le réglage haut-parleurs TV revient à la position de marche (« ON »).

Sans Audio

Si votre téléviseur est raccordé à une source de haut-parleur externe, Sans Audio vous permet de contrôler le niveau sonore à l'aide de la télécommande de votre téléviseur.

Appuyez sur le bouton MENU

▲▼ Pour SANS AUDIO

SANS AUDIO	VARI	RÉGLER

◀▶ Pour VARI ou RÉGLER

Appuyez sur EXIT une fois terminé

VARI : Vous permet de régler le niveau sonore des haut-parleurs externes à l'aide des boutons VOLUME +/– de la télécommande de votre téléviseur.

RÉGLER : Le niveau sonore des haut-parleurs externes se règle à l'aide de la télécommande de l'appareil audio.

REMARQUE :

- **Haut-parleurs externe :** Lorsque vous utilisez des amplificateurs ou haut-parleurs externes, fermez les haut-parleurs TV (voir « haut-parleurs TV ») ci-dessus.

Entré de Composant

Obtenez la meilleure qualité visuelle de votre lecteur de DVD en utilisant ce réglage et les entrées DVD à l'arrière du téléviseur. Mettez à la position OUI pour entrée de composant (pour DVD) ou NON pour entrée vidéo composée (pour un magnétoscope régulier).

Appuyez sur le bouton MENU

▲▼ Pour V4 COMPONENT-IN (ou V2 COMPONENT-IN pour AV-36F702, AV-32F702 et AV-27F702)

V4 COMPONENT-IN	OUI	NON

◀▶ Pour OUI ou NON

EXIT lorsque vous avez terminé

- Cette option doit être utilisée uniquement avec les lecteurs de DVD. Reportez-vous à la page 11 pour plus de renseignements sur le raccordement de magnétoscopes. Reportez-vous à la page 14 pour plus de renseignements sur le raccordement d'un lecteur de DVD.

Remarque : Les modèles AV-36F702, AV-32F702 et AV-27F702 n'a pas d'entrée 4.

Sous-Titres

Utilisez cette fonction pour afficher le texte des Sous-titres (lorsqu'ils sont compris dans un programme).

Appuyez sur le bouton MENU

▲▼ Pour SOUS-TITRES

◀▶ Pour exécuter

MODE	:	S-TITRE			
S-TITRE	:	CC1	CC2	CC3	CC4
TEXTE	:	T1	T2	T3	T4
		TERMINER			

◀▶ Pour sélectionner S-TITRE, TEXTE ou OFF (arrêt)

▲▼ Pour S-TITREou TEXTE

◀▶ Pour sélectionner un canal de Sous-Titres ou de Texte

▲▼ Pour TERMINER

◀▶ Pour conserver les réglages et sortie

REMARQUE :

- Les sous-titres se trouvent habituellement sur le canal de sous-titres CC1. Certains programmes peuvent comprendre des informations de texte supplémentaires qui se trouvent habituellement sur le canal de texte T1. Les autres canaux sont disponibles pour usage futur.
- Les sous-titres peuvent ne pas fonctionner adéquatement si le signal reçu est faible ou si vous lisez une bande vidéo.
- La plupart des programmes contenant des sous-titres afficheront un avis au début du programme.

Fonctions des Boutons

Menu

Le bouton MENU vous permet d'accéder au système de menus à l'écran JVC. Appuyez sur MENU pour activer le système de menus à l'écran.

- Reportez-vous aux sections individuelles (telles que « Réglages du son ») pour obtenir des informations précises sur l'utilisation des menus.

Exit (Sortie) et PIP Off

Appuyez sur le bouton EXIT pour quitter un écran de menu. Sur le RM-C301G, ce bouton est également marqué « PIP OFF ». Appuyez sur EXIT/PIP OFF pour inactiver la fonction Image-sur-Image (veuillez vous reporter à la page 44 pour plus de renseignements sur la fonction PIP).

- **La fonction PIP est disponible uniquement sur les modèles AV-36F802, AV-32F802 et AV-27F802.**

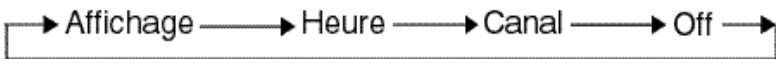
Display (Affichage)

L'écran Affichage indique l'état courant des minuteries et des entrées.

Appuyez sur le bouton DISPLAY

07	
MAINTENANT	12:20 PM
MINUT. SOMMEIL	OFF
MINUT. ON/OFF	CHAQUE JOUR
HEURE DÉBUT	7:00 PM
HEURE FIN	10:00 PM

- Le canal ou l'entrée AV (Canal 07)
- L'heure en cours (12:20 pm)
- L'état du Sleep Timer/minutes restantes (le Sleep Timer est inhibé)
- L'état de la minuterie On/Off (tous les jours, marche à 19 heures, arrêt à 22 heures)
- Chaque appui sur le bouton DISPLAY change le mode d'affichage :



Affichage – Plein écran montré ci-dessus

Heure – Montre l'heure courante seulement

Canal – Montre le canal courant

Off – Met l'affichage à l'arrêt

- Vous pouvez également inhiber l'affichage à n'importe quelle étape en appuyant sur EXIT.

REMARQUE :

Veuillez noter que si l'horloge, la minuterie sommeil ou la minuterie On/Off ne sont pas réglés, l'écran d'affichage montrera, respectivement, :« HORLOGE NON RÉGLÉE », « MINUT. SOMMEIL OFF » et « MINUT. ON/OFF OFF ».

Fonctions des Boutons

Video Status (Statut Vidé)

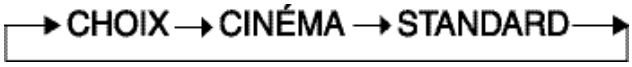
Le bouton VIDEO STATUS vous permet de sélectionner l'un de trois réglages d'affichage d'image, y compris un affichage de vos propres préférences.

Standard – Réinitialise les réglages de l'image aux niveaux standard usine.

Choix – Correspond aux réglages que vous avez enregistrés dans le menu Régler Statut Vidéo en page 35.

Cinéma – Donne à la vidéo un aspect riche, similaire au film.

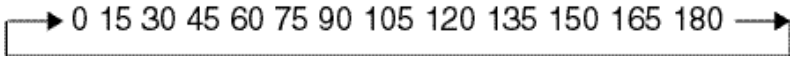
Appuyez sur le bouton VIDEO STATUS



Sleep Timer (Minuterie Sommeil)

Cette minuterie met le téléviseur hors tension à votre place en cas d'assoupissement. Vous pouvez programmer cette fonction avec des intervalles de 15 minutes à 180 minutes.

Appuyez sur le bouton SLEEP TIMER



Message de la minuterie sommeil

20 secondes avant l'extinction automatique, ce message apparaît :

BONNE NUIT !!
PRESSER LE BOUTON MINUT.
SOMMEIL POUR PROLONGER

Vous avez alors 20 secondes pour appuyer sur le bouton SLEEP TIMER pour reculer la mise hors tension d'encore 15 minutes.

Hyper Surround (Hyper Quadrosound)

Crée un effet sonore tridimensionnel profond en utilisant uniquement les haut-parleurs du téléviseur dirigés vers l'avant. Appuyez sur le bouton Hyper Surround pour activer(ON) ou inhiber (OFF) l'effet.

HYPER QUADROSOUND ON OFF

Muting (Mise en sourdine du son)

Le bouton de mise en sourdine interrompt instantanément et totalement le volume quand vous le pressez. Appuyez à nouveau sur MUTING pour rétablir le volume au niveau précédent.

Fonctions des Boutons

BBE

L'audio à haute définition BBE ajoute un son naturel, clair et de très haute qualité à tout programme. Activez ou inhibitez BBE à l'aide du bouton BBE.

BBE	ON OFF

Bouton 100+

Le bouton 100+ permet d'accéder directement aux canaux au-dessus de 99. Ainsi, pour passer au canal 124 ;appuyez sur le 100+, 2 (deux), 4 (quatre).

Return+

Le bouton RETURN+ a deux fonctions :

Return – Retour au canal regardé immédiatement avant le canal maintenant à l'écran.

Return+ – Vous permet de programmer un canal précis auquel revenir après le balayage à travers les canaux.

RETURN+ et tenez pendant 3 secondes

RETOUR À CANAL PROGRAMMÉ

Balayez à l'aide des boutons CHANNEL+/–.

RETURN+

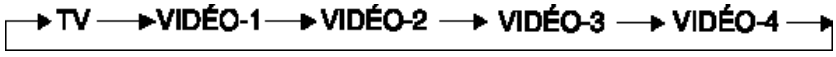
Vous reviendrez au canal que vous avez programmé.

- Pour annuler votre canal Return+, enfoncez et tenez Return+ pendant trois secondes. Le message « RETOUR À UN CANAL ANNULE » apparaîtra.
- Return+ s'emploie uniquement avec CHANNEL +/–. La pression de toute autre touche numérique annulera RETURN+.
- Return+ n'affecte pas le canal PIP (AV-36F802, AV-32F802 et AV-27F802 seulement).

Input

Sélectionne la source d'entrée de signal pour la télévision : TV (pour antenne ou câble), ou Vidéo 1, 2, 3 ou 4 pour appareils vidéo tels que magnétoscopes ou caméscopes.

INPUT



- Les modèles AV-36F702, AV-32F702 et AV-27F702 n'a pas d'entrée Vidéo 4.

REMARQUE :

BBE est une marque déposée de BBE Sound, Inc. Pour les États-Unis, sous licence de BBE Sound, Inc., en vertu des brevets américains 4638258, 4482866 et 5510572. Pour le Canada, sous licence de BBESound, Inc BBE est une marque déposée de BBESound, Inc.

Fonctions des Boutons

Boutons Magnétoscope

Vous pouvez utiliser cette télécommande pour activer les fonctions de base de votre magnétoscope. Ces fonctions comprennent :lecture, enregistrement, rembobinage, avance rapide, arrêt, pause, balayage des canaux, TV/magnétoscope, mise en marche et à l'arrêt.

Mettez l'interrupteur sélecteur à la position VCR pour activer.

- La télécommande est préréglée avec le code 000 pour commander les magnétoscopes de marque JVC. Pour un magnétoscope de toute autre marque, reportez-vous à la liste de codes et aux instructions figurant à la page 19.

Boutons DVD

Vous pouvez également utiliser cette télécommande pour activer les fonctions de base de votre lecteur DVD. Ces fonctions comprennent :lecture, rembobinage, avance rapide, arrêt, image fixe/pause, image précédente/suivante, ouverture/fermeture du plateau, mise en marche et mise à l'arrêt.

Mettez l'interrupteur sélecteur à la position DVD pour activer.

- La télécommande est préréglée avec le code 000 pour commander les lecteurs DVD de marque JVC. Pour un lecteur DVD de toute autre marque, reportez-vous à la liste de codes et aux instructions figurant à la page 20.

Interrupteur TV/CATV

Utilisez le syntonisateur du téléviseur ou une boîte de câble pour sélectionner les canaux. Mettez cet interrupteur à la position TV pour utiliser le syntonisateur incorporé au téléviseur. Mettez l'interrupteur à la position CATV pour utiliser une boîte de câble.

- Reportez-vous à la page 18 pour obtenir des informations sur la programmation de votre télécommande pour l'utilisation de la boîte de câble.

Interrupteur VCR/DVD

Vous pouvez commander un magnétoscope ou un lecteur de DVD en utilisant les boutons situés sur la partie inférieure de la télécommande. Utilisez l'interrupteur sélecteur VCR/DVD pour choisir l'utilisation du magnétoscope ou du DVD.

- Reportez-vous aux pages 19 et 20 pour plus de renseignements sur la programmation de votre télécommanmde à l'aide des codes d'utilisation magnétoscope et DVD.

Light (Eclairage)

Votre télécommande comporte des boutons éclairés pour les fonctions principales telles que CHANNEL +/– et VOLUME +/–. Appuyez sur le bouton LIGHT pour illuminer les boutons.

Fonctions des Boutons - PIP

PIP affiche deux images distinctes à l'écran. Votre téléviseur possède la PIP à deux syntonisateurs, ce qui signifie que vous pouvez voir, simultanément, les images provenant de deux canaux distincts. Une série spéciale de boutons de commande PIP est située sur la partie supérieure de la télécommande. Des descriptions de chaque bouton sont données sur cette page.

La fonction PIP est disponible uniquement sur les modèles AV-36F802, AV-32F802 et AV-27F802.

Remarque du Boîte de Câble

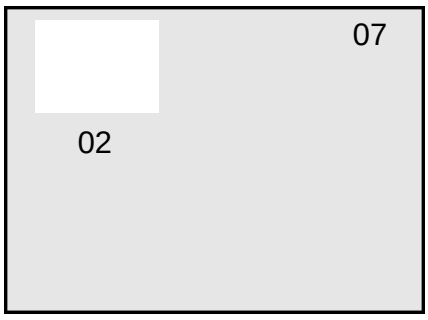
Il se peut que la fonction PIP à deux syntonisateurs ne fonctionne pas lorsqu'elle est utilisée avec certaines boîtes de câble. La raison en est que, bien que certains modèles de boîte de câble puissent recevoir jusqu'à 181 canaux, ils peuvent uniquement transmettre le signal d'un canal à votre téléviseur (veuillez également vous reporter au schéma de la page 11). Le syntonisateur PIP ne peut fonctionner correctement sans accès à l'ensemble des canaux disponibles. Étant donné que le téléviseur reçoit le signal d'un seul canal depuis la boîte de câble, le PIP à deux syntonisateurs ne peut afficher un second canal différent.

Étant donné qu'il y a de nombreux modèles différents de boîtes de câble en usage aujourd'hui, si vous éprouvez de la difficulté à utiliser votre fonction PIP avec votre boîte de câble, nous vous recommandons de contacter votre compagnie locale de câblovision pour obtenir des conseils sur le raccordement.

On/Move

Activez PIP en appuyant sur le bouton ON/MOVE.

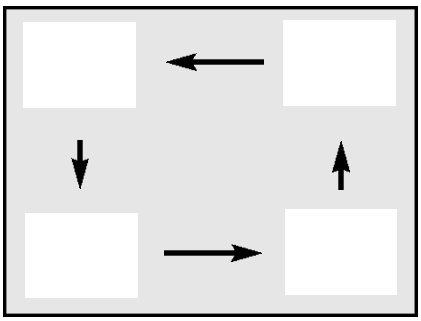
(PIP) ON/MOVE



PIP OFF pour mettre PIP à l'arrêt

Une fois la fonction PIP activée, vous pouvez déplacer la fenêtre PIP à n'importe lequel des quatre coins de l'image principale du téléviseur à l'aide du bouton ON/MOVE.

ON/MOVE



- Chaque pression du bouton ON/MOVE déplacera la fenêtre PIP à un coin différent.

Fonctions des Boutons - PIP

Freeze

Utilisez le bouton Freeze pour bloquer une seule image fixe sur la fenêtre PIP.

- Si la fonction PIP est inhibée lorsqu'on appuie sur Freeze, un instantané de l'écran principal est pris et placé dans la fenêtre PIP.
- Si la fonction PIP est activée lorsqu'on appuie sur Freeze, l'image qui était dans la fenêtre lorsque le bouton a été enfoncé est maintenue.

Swap

Vous pouvez échanger le canal affiché à l'écran principal contre celui apparaissant dans la fenêtre PIP en appuyant sur SWAP.

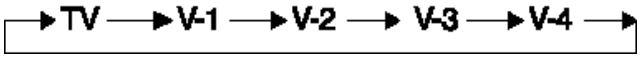
Channel +/–for PIP

Tout comme les boutons CHANNEL +/– principaux, CHANNEL +/– pour PIP vous permet de balayer les canaux dans la fenêtre PIP.

- La sélection directe des canaux à l'aide du pavé numérique à 10 touches pour la PIP n'est pas possible.

Source

Vous pouvez sélectionner la source de signal pour l'image de la fenêtre PIP.



- Si la PIP n'a pas de signal, la fenêtre sera bleue.
- Si vous raccordez un DVD à Vidéo-2 ou Vidéo-4, la fenêtre PIP sera bleue.

REMARQUE :

- La fenêtre PIP est le neuvième de la dimension de l'écran complet.
- La fonction PIP n'affichera pas les programmes ou les canaux bloqués. Un écran bleu apparaîtra en remplacement.

Guide de Dépannage

PROBLÈMES	VÉRIFICATION
Pas d'alimentation	• Voir si le cordon secteur est débranché. • Disjoncteur ou fusibles sautés ou panne de courant.
Pas d'image, pas de son	• L'antenne est déconnectée. • Le mode d'entrée n'est pas sélectionné correctement. Voir page 42. • Le mode sélecteur (configuration automatique du sélecteur) est mal réglé. Voir page 22. • La station est en panne, vérifiez le bon fonctionnement des autres canaux.
La télécommande ne fonctionne pas	• Vérifiez les piles (installation et charge). • Assurez-vous qu'aucun objet n'est entre le téléviseur et la télécommande. • Vérifiez que le commutateur TV/CATV est en bonne position. • Vous êtes trop loin du téléviseur, maximum 7 mètres ou 23 pieds.
Impossible de sélectionner certains canaux	• Assurez-vous que les canaux sont programmés. Voir le Sommaire Canaux, à la page 25. • Canal verrouillé. « Voir Sommaire des Canaux », à la page 25.
Le téléviseur se met automatiquement hors tension	• Assurez-vous que le téléviseur n'est pas débranché. • La minuterie On/Off est peut-être activée. Voir page 37. • Vérifiez si la minuterie sommeil a été activée. Voir page 41.
Indication erronée de l'heure	• Panne secteur et l'horloge n'a pas été réglée. Voir page 23.
Mauvaise qualité des couleurs	• La teinte et la couleur sont mal réglées. Voir page 34. • Le mode d'état vidéo est mal réglé. Voir page 35.
Raies et lignes sur l'image	• Interférence causée par un autre appareil électrique, tel qu'un ordinateur, un autre téléviseur ou un magnétoscope. Éloignez certains de ces appareils du téléviseur.
Image avec des taches	• Interférence créée par un autre appareil consommant un fort ampérage, tel qu'un sèche-cheveux, ou un aspirateur, utilisé à proximité. Éloignez l'antenne de l'appareil ou utilisez un câble coaxial moins sensible aux interférences.
Image dédoublée (fantômes)	• Un immeuble ou un avion peut réfléchir le signal initial et ne créer un second, légèrement retardé. Réglez la position de l'antenne.
Image neigeuse	• L'antenne est peut-être endommagée, déconnectée ou tournée. Vérifiez les connexions. Si elle est abîmée, changez-la.
Écran noir à 60%	• Le mode sous-titres est activé. Inactivez-le dans le menu Sous-titres, page 39.
Les émissions bilingues ou en stéréo ne sont pas entendues	• Assurez-vous que le mode MTS est correctement réglé. Voir page 36 pour les détails du réglage des modes MTS.
Aucun son des HP du téléviseur	• Les haut-parleurs du téléviseurs sont hors service. Voir page 38.
Électricité statique	• Il est normal de ressentir une décharge d'électricité statique si vous effleurez ou si vous touchez l'écran.
Craquements occasionnels	• Les craquements sonores sont normaux au moment de la mise en/hors tension. C'est normal sauf si le son et l'image se dégradent.

Garantie

Pour les télévisions de modèles canadiens, veuillez vous reporter aux feuilles distinctes concernant la garantie pour JVC au Canada

JVC COMPANY OF AMERICA garantit ce produit et toutes ses pièces, sauf comme indiqué ci-après, À L'ACHETEUR DÉ DÉTAIL INITIAL comme étant EXEMPTS DE VICES DE MATÉRIAUX ET D'EXÉCUTION depuis la date de l'achat initial
pendant la période indiquée ci-après (la « période de garantie »). L'écran est couvert pendant deux ans.

No. de modèle	No. de série	Pièces	Main-d'oeuvre

Cette garantie limitée n'est valable que dans les cinquante (50) états des États-Unis, le District de Columbia et le Commonwealth de Porto Rico.

ENGAGEMENT DE JVC :

Si ce produit est jugé défectueux, JVC réparera ou remplacera les pièces défectueuses sans qu'il n'en coûte rien à l'acheteur initial.Ces réparations seront effectuées durant les heures d'affaires régulières seulement aux centres de service agréés JVC. Toutes les pièces réparées ou remplacées sont garanties uniquement pendant le temps à courir de cette période de garantie. L'ensemble du produit et des pièces doivent être livrés à un centre de service agréé, sauf les modèles dont l'écran dépasse 25 pouces, lesquels sont couverts avec service à domicile.

VOUS DEVEZ :

• rapporter vos produits à un centre de service agréé JVC, accompagnés d'une copie de votre facture. Pour connaître le centre de service JVC agréé le plus proche de vous, appelez au numéro sans frais (800) 252-5722 (É.U. SEULEMENT).

• S'il n'existe aucun centre de service disponible localement, emballez le produit soigneusement, de préférence dans sa boîte d'origine, et expédiez-le, assuré, au centre de service agréé le plus proche, accompagné d'une copie de la facture et d'une lettre d'explication concernant le problème. Appelez le numéro sans frais indiqué ci-dessus pour connaître l'adresse.

CE QUI N'EST PAS COUVERT :

1) Les produits qui ont fait l'objet d'usage abusif, accident, altération, modification, manipulation, négligence, utilisation erronée, installation erronée, absence de soins raisonnables, ou si le produit a été réparé ou entretenu par une personne autre qu'un centre de service agréé par JVC pour effectuer ce service, ou si le produit est raccordé à un accessoire quelconque non fourni avec les produits, ou si le modèle ou le numéro de série a été altéré, manipulé ou enlevé.

2) L'installation initiale, l'enlèvement pour réparation et la réinstallation après la réparation ne sont pas couverts.

3) Les réglages opérationnels couverts dans le manuel, l'entretien normal, le nettoyage de la tête vidéo et audio.

4) Les dommages qui surviennent en cours d'expédition ou qui sont attribuables à un cas fortuit ou résultent de changements cosmétiques.

5) Les problèmes de réception de signal et les défaillances attribuables à des surtensions.

6) Les tubes de prise de vue/le capteur d'images CCD, la cartouche et l'aiguille sont couverts pendant une période de 90 jours depuis la date d'achat.

7) Les accessoires, et

8) Les piles (à l'exception des piles rechargeables qui sont couvertes pendant 90 jours depuis la date d'achat).

Il n'existe aucune garantie explicite, sauf celles mentionnées ci-dessus.

LA DURÉE DE TOUTE GARANTIE IMPLICITE, Y COMPRIS LA GARANTIE IMPLICITE DE COMMERCIALISATION, EST LIMITÉE À LA DURÉE DE LA GARANTIE EXPLICITE DONNÉE AUX PRÉSENTES.

JVC NE SERA PAS RESPONSABLE DE LA PERTE D'UTILISATION DE CE PRODUIT, DES ENNUIS, DE LA PERTE OU DE TOUS AUTRES DOMMAGES, QU'ILS SOIENT DIRECTS, INDIRECTS OU ACCESSOIRES (Y COMPRIS, DE MANIÈRE NON LIMITATIVE, LES DOMMAGES AUX BANDES, ENREGISTREMENTS OU DISQUES) RÉSULTANT DE L'UTILISATION DE CE PRODUIT, OU DÉCOULANT DE TOUTE RUPTURE DE CETTE GARANTIE. TOUTES LES GARANTIES EXPLICITES ET IMPLICITES, Y COMPRIS LA GARANTIE DE COMMERCIALISATION ET D'APTITUDE À UN USAGE PARTICULIER, SONT LIMITÉES À LA PÉRIODE DE GARANTIE INDIQUÉE CI-DESSUS.

Certains états n'autorisent pas l'exclusion des dommages indirects ou accessoires ni les limitations à la durée de la garantie ;il se peut donc qu'elles ne s'appliquent pas à vous. Cette garantie vous donne des droits précis et vous pouvez également avoir d'autres droits qui varient d'un état à l'autre.

Si vous avez des questions concernant votre produit JVC, veuillez vous mettre en contact avec notre Service clientèle :

JVC COMPANY OF AMERICA
DIVISION DE JVC AMERICAS CORP.

1700 Valley Road
Wayne, New Jersey, 07470

Les produits remis à neuf ont une garantie distincte. Cette garantie ne s'applique pas aux détails de la garantie du produit remis à neuf. Veuillez vous reporter aux informations sur la garantie du produit remis à neuf contenues dans l'emballage de chaque produit remis à neuf.

Centres de Réparations Agréés

SERVICE DE QUALITÉ JVC SERVICE DE QUALITÉ

COMMENT REPÉRER VOTRE CENTRE DE SERVICE JVC

NUMÉRO SANS FRAIS : 1 (800) 537-5722
http://www.jvc.com

Cher client,

Afin de recevoir des prestations optimales de l'appareil que vous avez acheté, veuillez lire le manuel d'instructions avant de mettre l'appareil en marche. Si des réparations s'avèrent nécessaires ou pour connaître l'adresse du centre de service le plus proche de vous sur le territoire continental des États-Unis, veuillez composer le 1 (800) 537-5722 pour votre centre de service agréé le plus proche ou visitez notre site Web à **www.JVC.com**

N'oubliez pas de conserver votre facture pour vous prévaloir du service sous couvert de garantie.

Ne réparez pas le téléviseur vous-même

Mise en garde

Pour prévenir les secousses électriques, n'ouvrez pas le boîtier. Il n'existe, à l'intérieur, aucune pièce susceptible d'être entretenue par l'utilisateur. Veuillez confier les réparations à des techniciens de service compétents.

Accessoires

Pour acheter des accessoires pour votre produit JVC, vous pouvez contacter votre revendeur JVC local.Dans les 48 états du territoire continental des États-Unis, appelez gratuitement au 1 (800) 882-2345 ou sur le Web à **www.JVC.com**.

Service au Canada

Pour repérer votre vendeur ou centre de service JVC local au Canada, veuillez composer le:

Dans l'est du Canada:	Dans l'ouest du Canada:	En Français (Montréal):
1 (416) 293-1311	1 (604) 270-1311	1 (514) 871-1311

Ou visitez notre site Web à **www.JVC.ca**

Codes de Recherche

Fonction des Codes de Recherche de Boîte de Câble ou d'Antenne Parabolique :

1) Faites glisser l'interrupteur sélecteur de mode à deux voies à la position CATV.
2) Appuyez sur les boutons TV POWER et RETURN+ pendant au moins trois secondes, puis relâchez.
3) Appuyez sur TV POWER et vérifiez si la boîte de câble ou la boîte d'antenne parabolique répond.
4) S'il y a eu une réponse, appuyez sur RETURN+. Les codes de commande sont maintenant définis. En l'absence de réponse, répétez l'étape 3. Si vous répétez l'étape 3 52 fois sans réponse, utilisez la télécommande fournie avec l'appareil.
5) Appuyez sur RETURN+ pour quitter cette fonction.

Fonction des Codes de Recherche de Magnétoscope :

1) Faites glissez le premier interrupteur/sélecteur à deux voies à la position « TV » et l'autre interrupteur/sélecteur à deux voies à la position « VCR ».
2) Appuyez sur les boutons VCR POWER et RETURN+ pendant au moins trois secondes, puis relâchez.
3) Appuyez sur VCR POWER et vérifiez si le magnétoscope répond.
4) S'il y a eu une réponse, appuyez sur RETURN+. Les codes de commande sont maintenant définis. En l'absence de réponse, répétez l'étape 3. Si vous répétez l'étape 3 80 fois sans réponse, utilisez la télécommande fournie avec l'appareil.
5) Appuyez sur RETURN+ pour quitter cette fonction.

Fonction des Codes de Recherche de Lecteur DVD :

1) Faites glissez le premier interrupteur/sélecteur à deux voies à la position « TV » et l'autre interrupteur/sélecteur à deux voies à la position « DVD ».
2) Appuyez sur les boutons DVD POWER et RETURN+pendant au moins trois secondes, puis relâchez.
3) Appuyez sur DVD POWER et vérifiez si le lecteur DVD répond.
4) S'il y a eu une réponse, appuyez sur RETURN+. Les codes de commande sont maintenant définis. En l'absence de réponse, répétez l'étape 3. Si vous répétez l'étape 3 30 fois sans réponse, utilisez la télécommande fournie avec l'appareil.
5) Appuyez sur RETURN+ pour quitter cette fonction.

Spéifications

MODÈLE	AV-27F702 AV-27F802	AV-32F702 AV-32F802	AV-36F702 AV-36F802
Système de réception	NTSC, BTSC System (Son multicanaux)		
Canaux reçus	VHF 2 à 13, UHF 14 à 69 Bandes Sub Mid, Mid, Super, Hyper et Ultra (Système de synthétiseur à 181 canaux)		
Consommation	140W	155W	160W
Alimentation	AC 120V, 60Hz		
Taille écran	68 cm en diagonale coins carres	80 cm en diagonale coins carres	68 cm en diagonale coins carres
Haut-parleurs	5 x 12 cm ovales x 2		
Puissance audio	5W + 5W		
Connexion antenne	75 ohms (VHF/UHF) (Connecteur type F)		
Prises d'entrée extérieures	Video : 1 Vp-p, 75 ohms Audio : 500mVrms (-4dBs) haute impédance		
Jack d'entrée S-Vidéo	Y : 1Vp-p positif, 75 ohms (sync négative fournie) C : 0.286 Vp-p(impulsion de synchronisateur couleur), 75 ohms		
Jack d'entrée composant	Y : 1Vp-p positif, 75 ohms (sync négative fournie) PB/PR: 0.7 Vp-p, 75 ohms		
Réglage sortie son (VARI/FIXE)	VARI : Plus de 0 à 1550 mVrms (+6 dBs), FIXE : 500mVrms (-4dBs) Low impedance (400 Hz pour 100% de modulation)		
Jack de Lien AV Automatique	3.5 mm mini jack x 1		
Dimensions (cm)	75.8 x 59.3 x 50.0	87.7 X 69.9 X 56.5	96.7 x 77.0 x 61.0
Poids (kg)	46	64	85
Accessories	1 télécommande et s piles AA		

Spécifications soumises à modification sans prévais.

JVC COMPANY OF AMERICA
Division of JVC Americas Corp.
1700 Valley Road
Wayne, New Jersey, 07470

JVC CANADA, INC.
21 Finchdene Square
Scarborough, Ontario
Canada, M1X 1A7

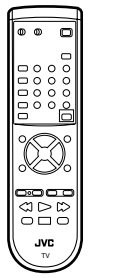
JVC

SERVICE MANUAL

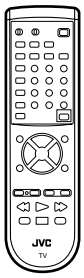
COLOR TELEVISION

BASIC CHASSIS
AC

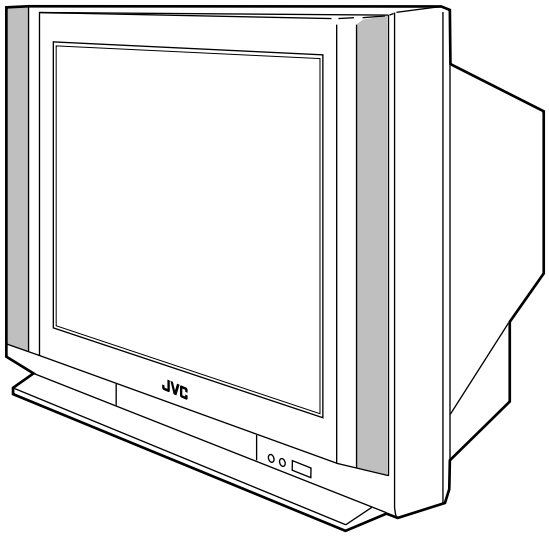
AV-36F702 /Y
AV-36F802 /Y



RM-C303G
[AV-36F702]



RM-C301G
[AV-36F802]



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SPECIFICATIONS

Items	Contents
Dimensions (W × H × D)	37-7/8" × 30-1/2" × 24-1/2" / 96.2cm × 77.3cm × 62.1cm
Mass	149.6 lbs / 68.0 kg
TV RF System	CCIR(M)
Color Sound System	NTSC, BTSC System (Multi Channel Sound)
TV Receiving Channels and Frequency	
VL Band	(02~06) 54MHz~88MHz
VH Band	(07~13) 174MHz~216MHz
UHF Band	(14~69) 470MHz~806MHz
CATV Receiving Channels and Frequency	
Low Band	(02~06, A-8) by (02~06&01)
High Band	(07~13) by (07~13)
Mid Band	(A~1) by (14~22)
Super Band	(J~W) by (23~36) (54MHz~804MHz)
Hyper Band	(W+1~W+28) by (37~64)
Ultra Band	(W+29~W+84) by (65~125)
Sub Mid Band	(A8, A4~A1) by (01, 96~99)
TV/CATV Total Channel	180 Channels
Intermediate Frequency	
Video IF Carrier	45.75MHz
Sound IF Carrier	41.25MHz (4.5MHz)
Color Sub Carrier	3.58MHz
Power Input	120V AC, 60Hz
Power Consumption	160W
Picture Tube	36" (90cm) Measured Diagonally
High Voltage	31.2kV±1.3kV (at cut-off in service mode)
Speaker	2" × 4-3/4" / 5 × 12cm Oval type × 2
Audio Power Output	5W × 2
Video / Audio Input (1 / 2 / 3 / 4)	Video (1,2,3) : 1Vp-p, 75Ω (RCA pin jack) [AV-36F702] (1,3,4) : 1Vp-p, 75Ω (RCA pin jack) [AV-36F802] Audio (1,2,3) : 500mVrms (-4dBs), High Impedance (RCA pin jack) [AV-36F702] (1,2,3,4) : 500mVrms (-4dBs), High Impedance (RCA pin jack) [AV-36F802] S-Video (Input 1 / 3 Over) Y : 1Vp-p Positive (negative sync provided, when terminated with 75Ω) C : 0.286Vp-p (burst signal, when terminated with 75Ω) Component Input (Input 2) [AV-36F702] (Input 2 / 4) [AV-36F802] Y : 1Vp-p positive (negative sync provided, when terminated with 75Ω) P_B/P_R : 0.7Vp-p 75 Ω
Audio Output **(Variable / Fix : Selectable)**	Variable : More then 0~1550mVrms (+6dBs) Low impedance (400Hz when modulated 100%) (RCA pin jack) Fix : 500mVrms(-4dBs) Low impedance (400Hz when modulated 100%) (RCA pin jack)
AV Compu link EX Input	3.5mm mini jack
Antenna terminal	75Ω(VHF/UHF) Terminal, F-Type Connector
Remote Control Unit	RM-C303G-1A [AV-36F702], RM-C301G-2A [AV-36F802] (AA/R6/UM-3 battery × 2)

Design & specifications are subject to change without notice.

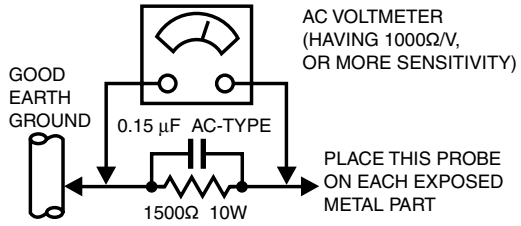
SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
4. **Use isolation transformer when hot chassis.**
   The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.
5. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
   Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.).
   If above note will not be kept, a fuse or any parts will be broken.
6. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
7. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
8. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.
9. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.
10. **Isolation Check**
    (Safety for Electrical Shock Hazard)
    After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

(2) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

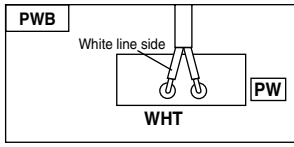
● **Alternate Check Method**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



11. **High voltage hold down circuit check.**
    After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.
    See item **"How to check the high voltage hold down circuit".**

This mark shows a fast operating fuse, the letters indicated below show the rating.

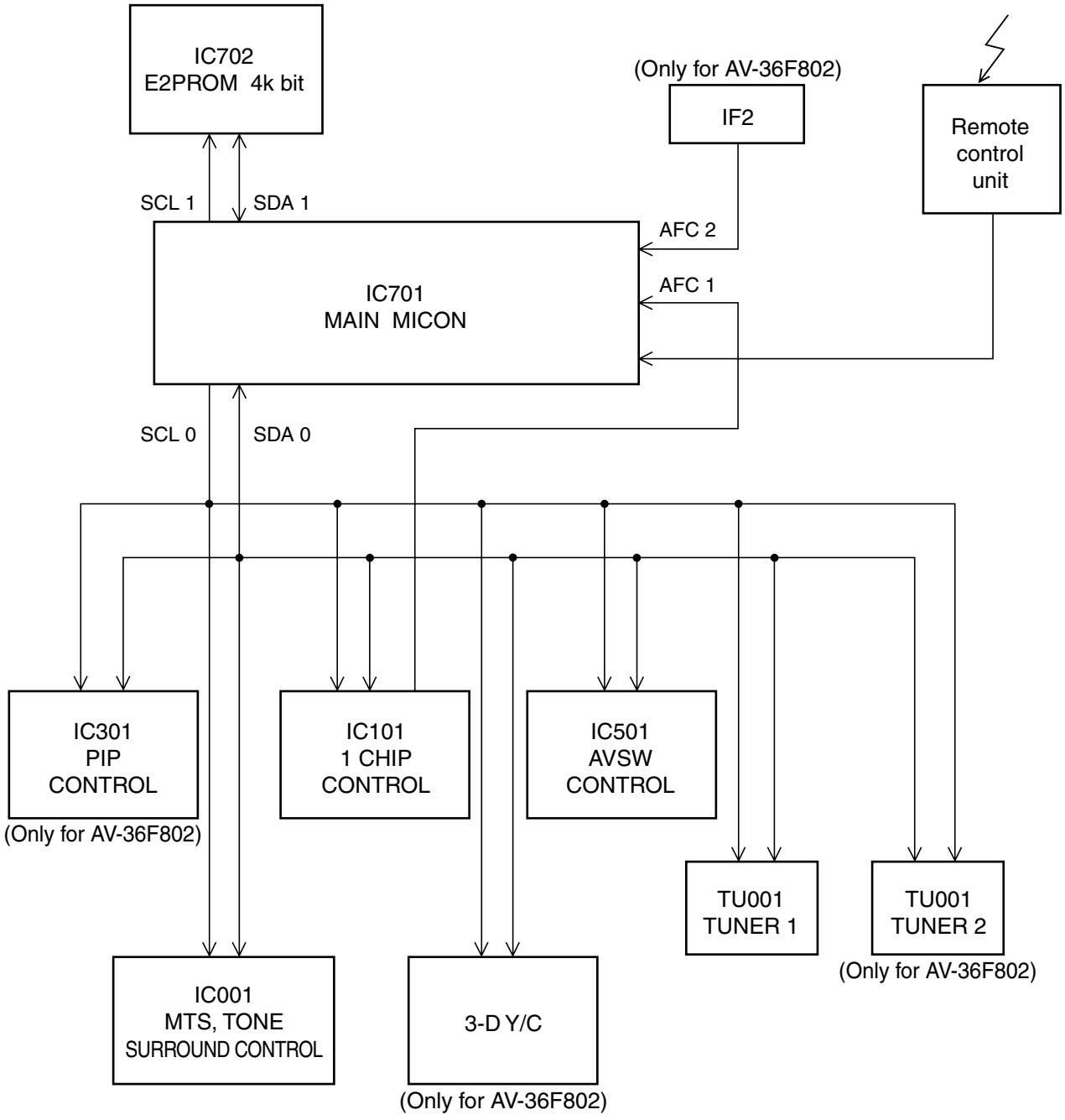
POWER CORD
REPLACEMENT WARNING
Connecting the white line side of power cord to "WHT" character side.



FEATURES

- Full-flat CRT (cathode ray tube) reproduces fine textured picture in every detail.
- I^2C bus control utilizes single chip ICs.
- Built in Twin Tuner system. [Only for AV-36F802]
- Built-in V-CHIP system.
- Built-in HYPER-SURROUND system.
- Built-in BBE.
- Adoption of the Picture-In-Picture (PIP) function. [Only for AV-36F802]
- 3 LINE DIGITAL COMB FILTER circuit improved picture quality. [AV-36F702]
- 3 LINE Digital Y/C Separation circuit improved picture quality. [AV-36F802]
- Component input terminal for taking best advantage of Component Video Signal.
- Audio Video input terminal. (S-input ×2, V-input ×3)
- Variable/Fix audio output terminal.
- Closed-caption broadcasts can be viewed.
- With AV COMPU LINK EX terminal.

■ SYSTEM BLOCK DIAGRAM



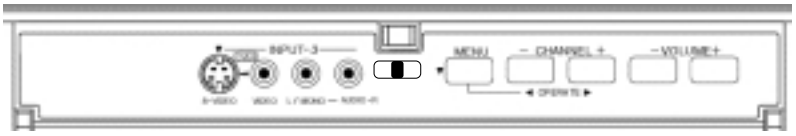
MAIN DIFFERENCE LIST

⚠	Model / Part name	AV-36F702	AV-36F802
	MAIN PWB	SAC-1542A-M2	SAC-1547A-M2
	PIP PWB	—	SAC0P501A-M2
	AV SELECTOR PWB	SAC0S511A-M2	SAC0S505A-M2
	3D Y/C MODULE PWB	—	SAC-0Y501A

FUNCTIONS

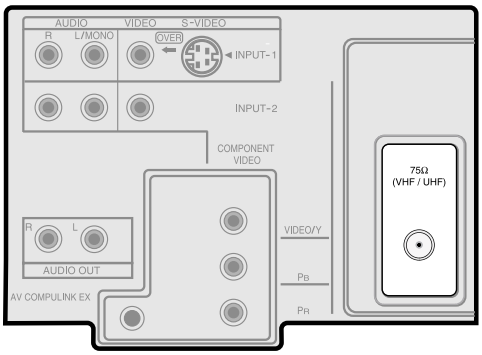
■ FRONT PANEL

■ FRONT PANEL DOOR OPENED

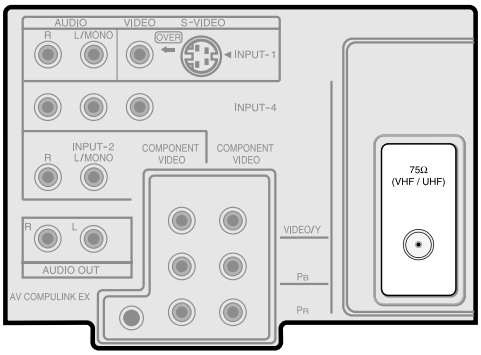


■ REAR PANEL

[AV-36F702]

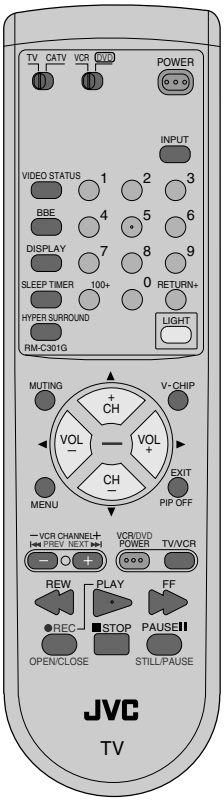


[AV-36F802]

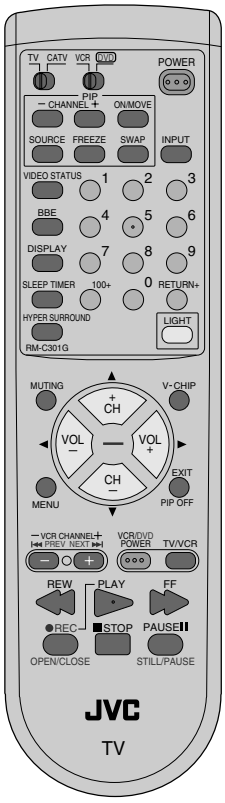


■ REMOTE CONTROL UNIT

(RM-C303G-1A)
[AV-36F702]



(RM-C301G-2A)
[AV-36F802]



SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

1. Unplug the power supply cord.
2. Remove the 12 screws marked Ⓐ as shown in Fig.1.
3. Withdraw the REAR COVER toward you.

[CAUTION]

- When reinstalling the rear cover, carefully push it inward after inserting the MAIN PWB into the rear cover groove.

REMOVING THE CHASSIS

- After removing the rear cover.

1. Slightly raise the both sides of the chassis by hand and remove the 3 claws marked Ⓑ under the chassis from the front cabinet as shown in Fig.1.
2. Withdraw the chassis backward along the rail in the arrow direction marked Ⓒ as shown in Fig.1.

   (If necessary, take off the wire clamp, connector's etc.)

   * When conducting a check with power supplied, be sure to confirm that the CRT earth wire is connected to the CRT SOCKET PWB and the MAIN PWB.

REMOVING THE TERMINAL BOARD

- After removing the rear cover.

1. [AV-36F702]
   Remove the 4 screws marked Ⓓ as shown in Fig.1.
   [AV-36F802]
   Remove the 6 screws marked Ⓓ as shown in Fig.1.
2. When you pull out the TERMINAL BOARD in the direction of arrow marked E as shown in Fig.1, it can be removed.

REMOVING THE FRONT CONTROL AND POWER SW PW BOARDS

- After removing the rear cover and chassis.

1. Remove the 4 screws marked Ⓕ as shown in Fig.1.
2. Then remove the FRONT CONTROL PWB and POWER SW PWB.

   (If necessary, take off the wire, connector's etc.)

REMOVING THE LF PW BOARD

- After removing the rear cover and chassis.

1. Lift the left side of the LF PWB while pressing the 2 PWB stoppers marked Ⓖ in the arrow direction marked Ⓗ as shown in Fig.1.
2. Then remove the LF PWB.

   (If necessary, take off the wire, connector's etc.)

REMOVING THE DAF PW BOARD

- After removing the rear cover and chassis.

1. Lift the right side of the DAF PWB while pressing the PWB stopper marked Ⓙ and claw marked Ⓚ in the arrow direction marked Ⓛ as shown in Fig.1.
2. Then remove the DAF PWB.

   (If necessary, take off the wire, connector's etc.)

REMOVING THE SPEAKER

- After removing the rear cover.

1. Remove the 2 screws marked Ⓜ as shown in Fig.1.
2. Withdraw the speaker backward.
3. Follow the same steps when removing the other hand speaker.

CHECKING THE MAIN PW BOARD

1. To check the back side of the MAIN PW Board.
   1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
   2) Erect the chassis vertically so that you can easily check the back side of the MAIN PW Board.

[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.

WIRE CLAMPING AND CABLE TYING

1. Be sure clamp the wire.
2. Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

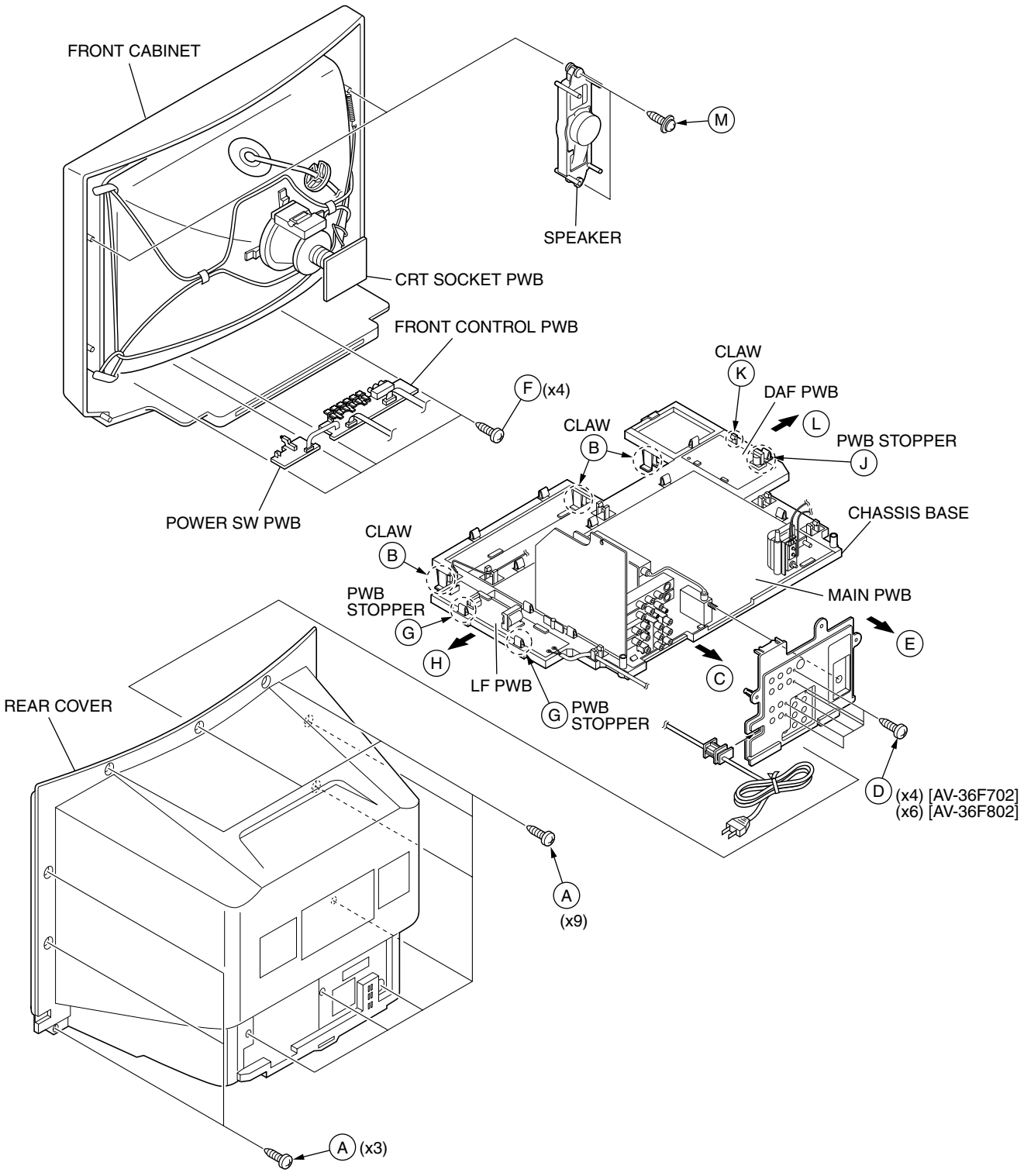

FRONT CABINET
M
SPEAKER
CRT SOCKET PWB
FRONT CONTROL PWB
F (x4)
CLAW
K
DAF PWB
L
CLAW
B
PWB STOPPER
J
POWER SW PWB
CHASSIS BASE
CLAW
B
PWB
STOPPER
G
MAIN PWB
E
H
C
LF PWB
G
PWB
STOPPER
REAR COVER
D
(x4) [AV-36F702]
(x6) [AV-36F802]
A
(x9)
A (x3)

Fig.1

REMOVING THE CRT

* Replacement of the CRT should be performed by 2 or more persons.

● After removing the rear cover, chassis etc.,

1. Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig. 2).
2. While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig. 3.
3. Remove 4 screws marked by arrows with a box type screwdriver as shown in Fig. 3.

● Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.

4. After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig. 4.

● The CRT should be assembled according to the opposite sequence of its dismounting steps.

* The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.

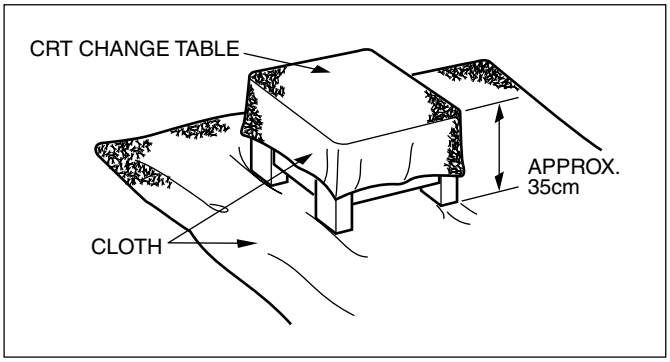


Fig. 2

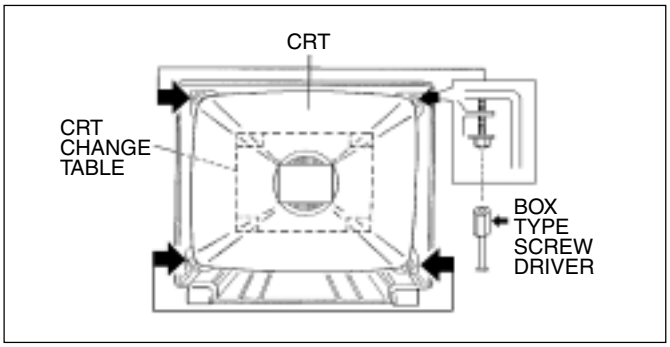


Fig. 3

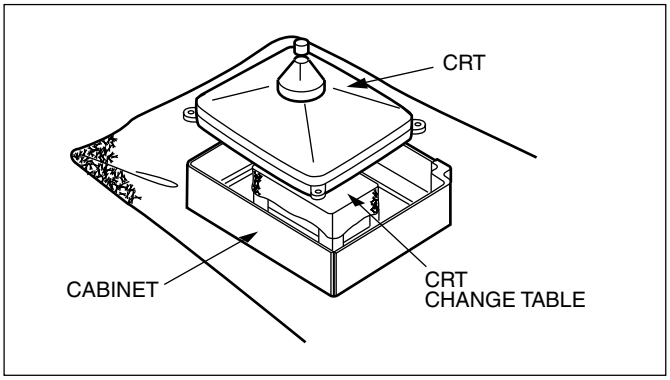


Fig. 4

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION

● Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig. 5.
Wipe around the anode button with clean and dry cloth. (Fig. 5)
Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases does not sticks to the anode button. (Fig. 6)

★ **Silicon grease product No. KS - 650N**

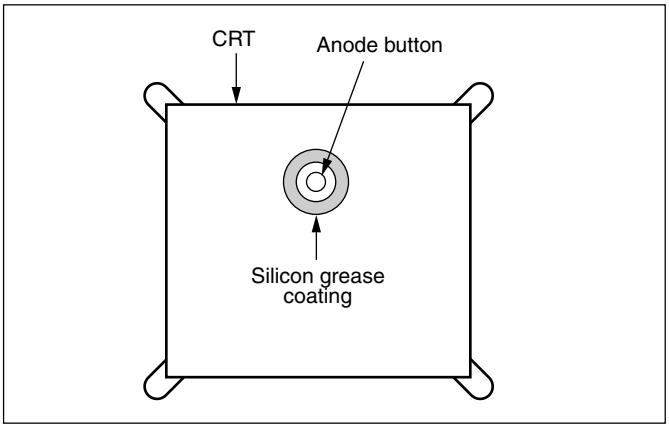


Fig. 5

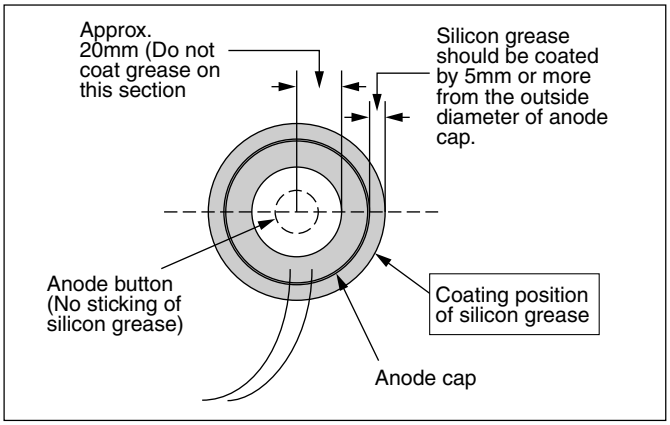


Fig. 6

MEMORY IC REPLACEMENT

1. Memory IC

This model use a memory IC.
This memory IC stores data for proper operation of the video and deflection circuits.
When replacing, be sure to use an IC containing this (initial value) data.

2. Memory IC replacement procedure

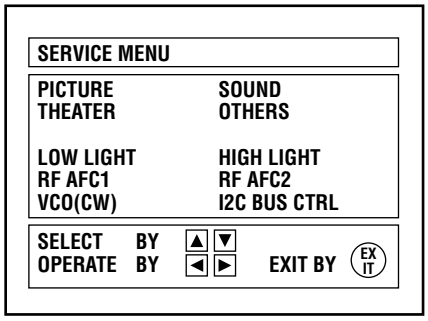
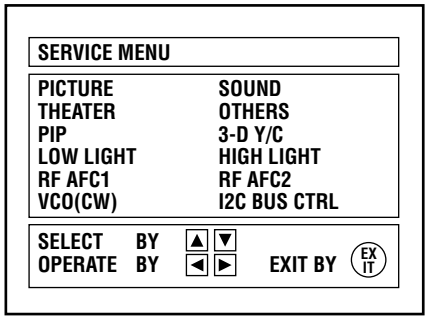
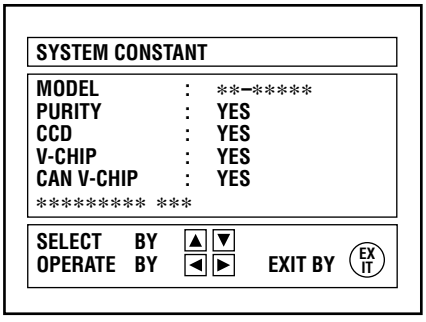
Procedure	Screen display
(1) Power off Switch off the power and disconnect the power cord from the outlet.	
(2) Replace the memory IC Initial value must be entered into the new IC.	
(3) Power on Connect the power cord to the outlet and switch on the power.	
(4) System constant check and setting 1) Press **SLEEP TIMER** key and, while the indication of "**SLEEP TIMER 0 MIN.**" is being displayed, press **DISPLAY** key and **VIDEO STATUS** key on the remote control unit simultaneously. 2) The SERVICE MENU screen of Fig.1 is displayed. 3) While the SERVICE MENU is displayed, again simultaneously press the DISPLAY and VIDEO STATUS keys to display the Fig.2 SYSTEM CONSTANT screen. 4) Refer to the SYSTEM CONSTANT table and check the setting items. Where these differ, select the setting item with the MENU UP/DOWN key and adjust the setting with the MENU LEFT/RIGHT keys. (The letters of the selected item are displayed in yellow.) 5) After adjusting, release the MENU LEFT/RIGHT key to store the setting value. 6) Press the EXIT key twice to return the normal screen.	 [AV-36F702]  [AV-36F802] Fig.1  Fig.2
(5) Receive channel setting Refer to the OPERATING INSTRUCTIONS(USER'S GUIDE) and set the receive channels (Channels Preset) as described.	
(6) User settings Check the user setting items according to Table 2. Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the items as described.	
(7) SERVICE MENU setting Verify what to set in the SERVICE MENU, and set whatever is necessary.(Fig.1) Refer to the SERVICE ADJUSTMENT for setting.	

TABLE 1 (System Constant setting)

Setting item	Setting content	Setting value	
		AV-36F702	AV-36F802
MODEL	AV-27F802 → AV-32F802 → AV-36F802 → AV-27F702 → AV-32F702 → AV-36D502 ← AV-32D502 ← AV-27D502 ← AV-36F702 → AV-32D302 → AV-36D302 → AV-32D202 → AV-36D202 → AV-36230 ← AV-32230 ← AV-36260 ← AV-32260 ← AV-27260	AV-36F702	AV-36F802
PURITY	YES → NO	YES	
CCD	YES → NO	YES	
V-CHIP	YES → NO	YES	
CAN V-CHIP	YES → NO	YES	

TABLE 2 (User setting value)

Setting item	Setting value
1. Use remote controller keys	
POWER	OFF
CHANNEL	CH-02
VOLUME	5
INPUT	TV
HYPER SURROUND	OFF
BBE	ON
DISPLAY	OFF
SLEEP TIMER	0
VIDEO STATUS	CHOICE
PIP SOURCE	CH-04 (Only for AV-36F802)
PIP ON (PIP POSITION)	LEFT LOWER SIDE (Only for AV-36F802)
2. Setting of MENU	
PICTURE ADJUST	
TINT	CENTER
COLOR	CENTER
PICTURE	CENTER
BRIGHT	CENTER
DETAIL	CENTER
NOISE MUTING	ON
SET VIDEO STATUS	ALL CENTER
SOUND ADJUST	
BASS	CENTER
TREBLE	CENTER
BALANCE	CENTER
MTS	STEREO
CLOCK/TIMERS	
SET CLOCK	Unnecessary to set
ON/OFF TIMER	NO
INITIAL SETUP	
TV SPEAKER	ON
AUDIO OUT	FIX
COMPONENT-IN	NO
LANGUAGE	ENG
CLOSED CAPTION	OFF
AUTO TUNER SETUP	TUNER MODE: AIR
CHANNEL SUMMARY	Unnecessary to set
V-CHIP	OFF
SET LOCK CODE	Unnecessary to set
PURITY	CENTER

REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

1. Avoid heating for more than 3 seconds.
2. Do not rub the electrodes and the resist parts of the pattern.
3. When removing a chip part, melt the solder adequately.
4. Do not reuse a chip part after removing it.

■ SOLDERING IRON

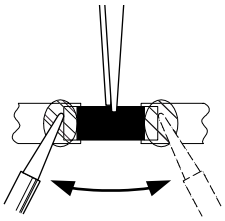
1. Use a high insulation soldering iron with a thin pointed end of it.
2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

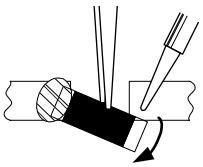
1. How to remove Chip parts

◆ Resistors, capacitors, etc.

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

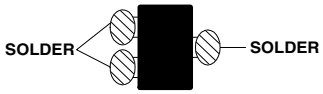


(2) Shift with tweezers and remove the chip part.

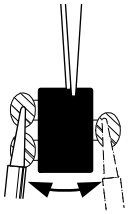


◆ Transistors, diodes, variable resistors, etc.

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

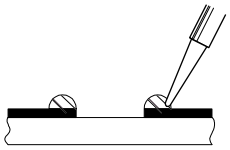


Note : After removing the part, remove remaining solder from the pattern.

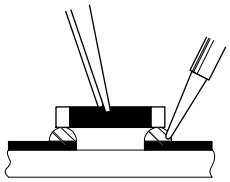
2. How to install Chip parts

◆ Resistors, capacitors, etc.

(1) Apply solder to the pattern as indicated in the figure.

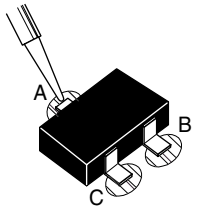


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

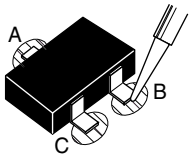


◆ Transistors, diodes, variable resistors, etc.

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SERVICE ADJUSTMENTS

ADJUSTMENT PREPARATION

1. **You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.**
2. **Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.**
3. Make sure that AC power is turned on correctly.
4. Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
5. Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
6. Never touch any adjustment parts, which are not specified in the list for this adjustment-variable resistors, transformers, capacitors, etc.
7. Presetting before adjustment.
   Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

● User mode setting position

VIDEO STATUS	STANDARD
HYPER SURROUND	OFF
BASS, TREBLE, BALANCE	CENTER
TINT, COLOR, PICTURE, BRIGHT, DETAIL	CENTER

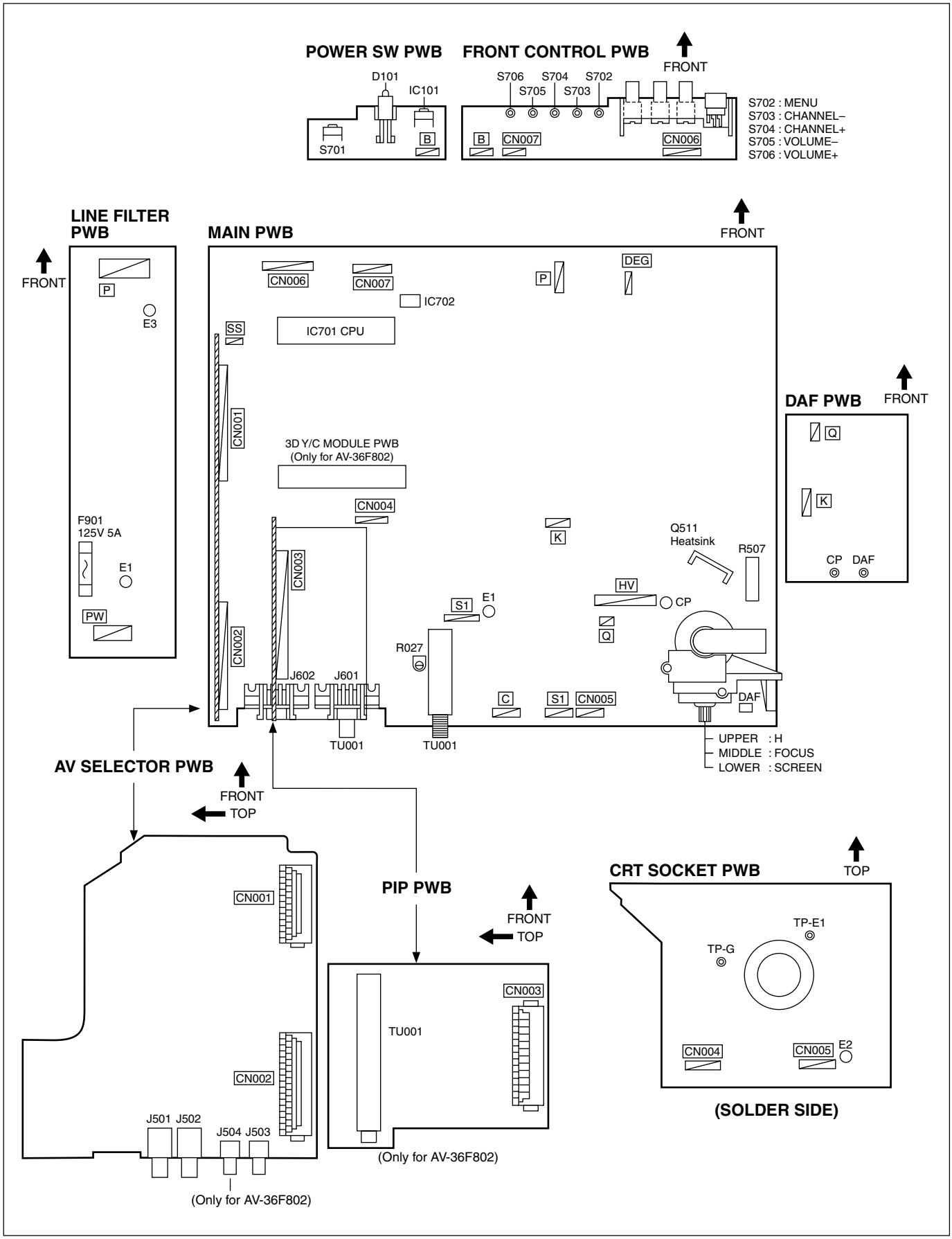
MEASURING INSTRUMENT

1. DC voltmeter(or digital voltmeter)
2. Oscilloscope
3. Signal generator (Pattern generator) [NTSC]
4. Remote control unit
5. TV audio multiplex signal generator
6. Frequency counter
7. Resistor (1MΩ)

ADJUSTMENT ITEMS

- Check of B1 POWER SUPPLY
- RF AGC adjustment
- FOCUS adjustment
- WHITE BALANCE adjustment
  - WHITE BALANCE (Low Light) adjustment
  - WHITE BALANCE (High Light) adjustment
  - PIP HIGH LIGHT WHITE BALANCE adjustment [Only for AV-36F802]
- BRIGHT adjustment
  - SUB BRIGHT adjustment
- CONTRAST adjustment
  - SUB CONTRAST adjustment
- DEFLECTION adjustment
  - V CENTER and TRAPEZIUM adjustment
  - V-SIZE and V-LINEARITY adjustment
  - H SIZE and H POSITION adjustment
  - SIDE PIN and CORNER PIN adjustment
  - PIP DISPLAY POSITION adjustment [Only for AV-36F802]
- CHROMA adjustment
  - SUB COLOR adjustment
  - SUB TINT adjustment
- MTS circuit adjustment
  - INPUT LEVEL check
  - STEREO VCO adjustment
  - SAP VCO adjustment
  - FILTER check
  - SEPARATION adjustment
- PURITY and CONVERGENCE adjustments
  - PURITY adjustment
  - STATIC CONVERGENCE adjustment
  - DYNAIC CONVERGENCE adjustment

ADJUSTMENT LOCATIONS



BASIC OPERATION OF SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

In general, basic setting (adjustments) items or verifications are performed in the SERVICE MENU.

- PICTURE ..... This sets the setting values (adjustment values) of the VIDEO/CHROMA and DEFLECTION circuits.
- SOUND ..... This sets the setting values (adjustment values) of the AUDIO circuit.
- THEATER ..... This is used when the THEATER MODE is adjusted.
- OTHERS ..... This is used when the OTHERS MODE is adjusted.
- PIP ..... This sets the setting values (adjustment values) of the PIP circuit. **[Only for AV-36F802]**
- LOW LIGHT ..... This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
- HIGH LIGHT ..... This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
- RF AFC1 ..... This is used when the RF AFC1 MODE is verified. **[Do not adjust]**
- RF AFC2 ..... This is used when the RF AFC2 MODE is verified. **[Do not adjust]**
- VCO (CW) ..... This is not used for service.
- I2C BUS CTRL ..... This is used when ON/OFF of the I2C BUS CTRL is set. **[Fixed ON]**

3. Basic Operations of the SERVICE MENU

(1) How to enter the SERVICE MENU.

Press **SLEEP TIMER** key and, while the indication of **"SLEEP TIMER 0 MIN."** is being displayed, press **DISPLAY** key and **VIDEO STATUS** key on the remote control unit simultaneously to enter the **SERVICE MENU** screen ① shown in the next figure page.

(2) SERVICE MENU screen selection

Press the UP / DOWN key of the MENU to select any of the following items.
(The letters of the selected items are displayed in yellow.)

[AV-36F702]

● PICTURE	● SOUND
● THEATER	● OTHERS
● LOW LIGHT	● HIGH LIGHT
● RF AFC1	● RF AFC2
● VCO(CW)	● I2C BUS CTRL

[AV-36F802]

● PICTURE	● SOUND
● THEATER	● OTHERS
● PIP	● 3-D Y/C
● LOW LIGHT	● HIGH LIGHT
● RF AFC1	● RF AFC2
● VCO(CW)	● I2C BUS CTRL

(3) Enter the any setting (adjustment) mode

[AV-36F702]

● PICTURE, SOUND and OTHERS mode

1) If select any of PICTURE, SOUND or OTHERS items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ② will be displayed as shown in figure page later.
2) Then the UP / DOWN key is pressed, the PICTURE mode screen ③ or the SOUND mode screen ④ or the OTHER mode screen ⑤ is displayed, and the PICTURE, SOUND or OTHERS setting can be performed.

[AV-36F802]

● PICTURE, SOUND, OTHERS and 3-D Y/C mode

1) If select any of PICTURE, SOUND, OTHERS or 3-D Y/C items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ② will be displayed as shown in figure page later.
2) Then the UP / DOWN key is pressed, the PICTURE mode screen ③ or the SOUND mode screen ④ or the OTHER mode screen ⑤ or the 3-D Y/C mode screen ⑥ is displayed, and the PICTURE, SOUND, OTHERS or 3-D Y/C setting can be performed.

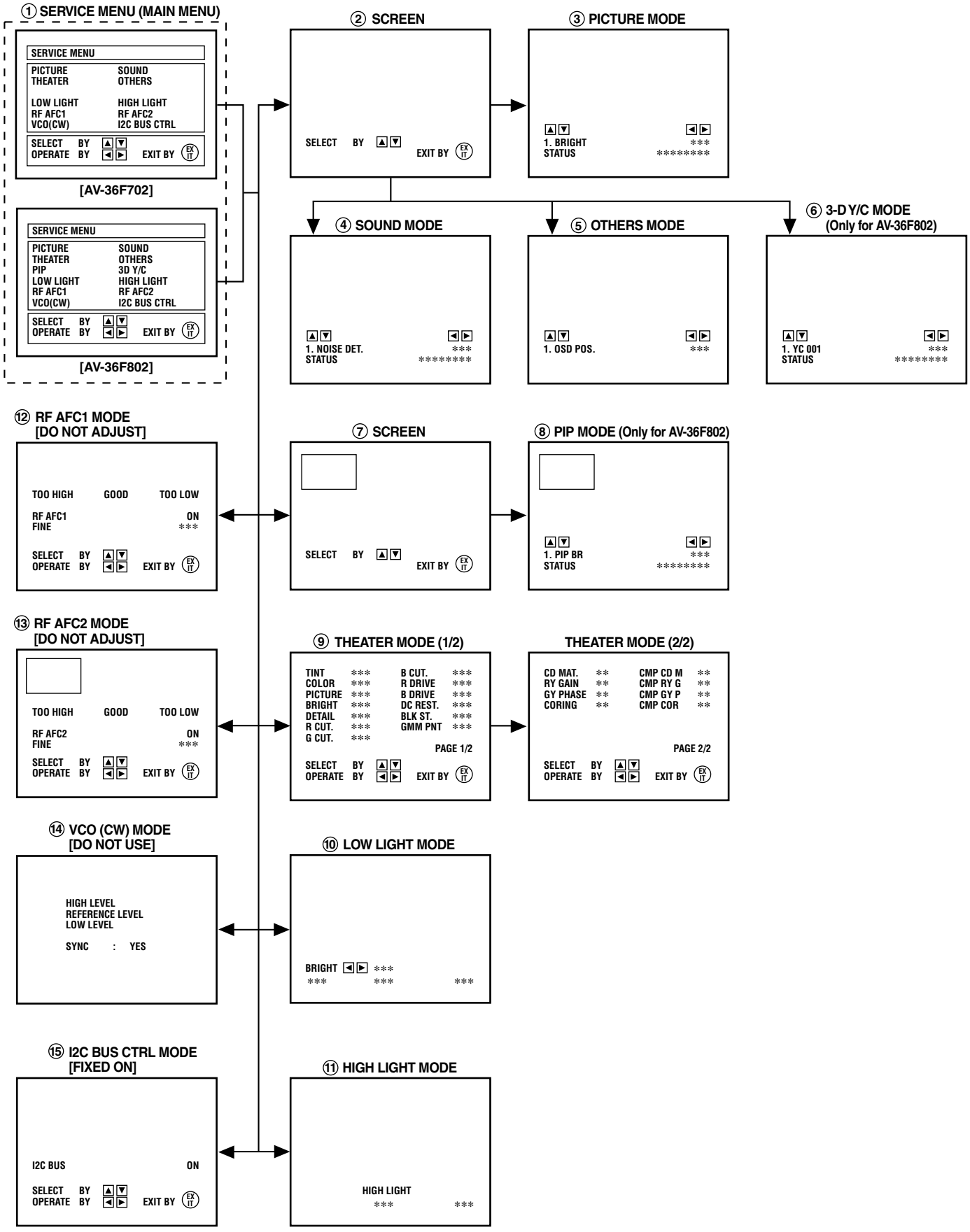
● PIP mode [Only for AV-36F802]

1) If select the PIP item, and the LEFT/RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ⑦ will be displayed as shown in figure page later.
2) Then the UP/DOWN key is pressed, the PIP mode screen ⑧ is displayed, and the PIP setting can be performed.

[AV-36F702, AV-36F802]

● THEATER, LOW LIGHT, HIGH LIGHT, RF AFC1, RF AFC2, VCO(CW) and I2C BUS CTRL mode

1) If select any of THEATER / LOW LIGHT / HIGH LIGHT / RF AFC1 / RF AFC2 / VCO (CW) / I2C BUS CTRL items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screens ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ will be displayed as shown in figure page later.
2) Then the settings or verifications can be performed.

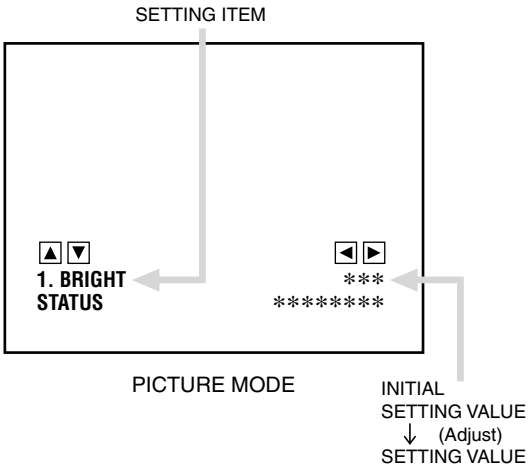

① SERVICE MENU (MAIN MENU)
SERVICE MENU
PICTURE SOUND
THEATER OTHERS
LOW LIGHT HIGH LIGHT
RF AFC1 RF AFC2
VCO(CW) I2C BUS CTRL
SELECT BY
OPERATE BY
EXIT BY
[AV-36F702]
SERVICE MENU
PICTURE SOUND
THEATER OTHERS
PIP 3D Y/C
LOW LIGHT HIGH LIGHT
RF AFC1 RF AFC2
VCO(CW) I2C BUS CTRL
SELECT BY
OPERATE BY
EXIT BY
[AV-36F802]
② SCREEN
SELECT BY
EXIT BY
③ PICTURE MODE
1. BRIGHT ***
STATUS ********
④ SOUND MODE
1. NOISE DET. ***
STATUS ********
⑤ OTHERS MODE
1. OSD POS. ***
⑥ 3-D Y/C MODE
(Only for AV-36F802)
1. YC 001 ***
STATUS ********
⑫ RF AFC1 MODE
[DO NOT ADJUST]
TOO HIGH GOOD TOO LOW
RF AFC1 ON
FINE ***
SELECT BY
OPERATE BY
EXIT BY
⑦ SCREEN
SELECT BY
EXIT BY
⑧ PIP MODE (Only for AV-36F802)
1. PIP BR ***
STATUS ********
⑬ RF AFC2 MODE
[DO NOT ADJUST]
TOO HIGH GOOD TOO LOW
RF AFC2 ON
FINE ***
SELECT BY
OPERATE BY
EXIT BY
⑨ THEATER MODE (1/2)
TINT *** B CUT. ***
COLOR *** R DRIVE ***
PICTURE *** B DRIVE ***
BRIGHT *** DC REST. ***
DETAIL *** BLK ST. ***
R CUT. *** GMM PNT ***
G CUT. ***
PAGE 1/2
SELECT BY
OPERATE BY
EXIT BY
THEATER MODE (2/2)
CD MAT. ** CMP CD M **
RY GAIN ** CMP RY G **
GY PHASE ** CMP GY P **
CORING ** CMP COR **
PAGE 2/2
SELECT BY
OPERATE BY
EXIT BY
⑭ VCO (CW) MODE
[DO NOT USE]
HIGH LEVEL
REFERENCE LEVEL
LOW LEVEL
SYNC : YES
⑩ LOW LIGHT MODE
BRIGHT ***
*** *** ***
⑮ I2C BUS CTRL MODE
[FIXED ON]
I2C BUS ON
SELECT BY
OPERATE BY
EXIT BY
⑪ HIGH LIGHT MODE
HIGH LIGHT
*** ***

(4) Setting method

1) UP / DOWN key of the MENU
   Select the SETTING ITEM.

2) LEFT / RIGHT key of the MENU
   Setting (adjust) the SETTING VALUE of the SETTING ITEM.
   When the key is released the SETTING VALUE will be stored (memorized).

3) EXIT key
   Returns to the previous screen.



(5) Releasing SERVICE MENU

1) After returning to the SERVICE MENU upon completion of the setting (adjustment) work, press the EXIT key again.

★ The settings for LOW LIGHT and HIGH LIGHT are described in the WHITE BALANCE page of ADJUSTMENT.

INITIAL SETTING VALUE OF SERVICE MENU

1. **Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.**
2. **Do not change the initial setting values of the setting (Adjustment) items not listed in "ADJUSTMENT".**

● PICTURE MODE

☆ The four setting items in the video mode No.6 EXT BRI., No.7 EXT PIC., No.8 EXT COL. and No.9 EXT TINT are linked to the items in the TV MODE No.1 BRIGHT, No.2 PICTURE, No.3 COLOR and No.4 TINT, respectively. When the setting items in the TV mode are adjusted, the values in the setting items in the video mode are revised automatically to the same values in the TV mode.(The initial setting values given in ( ) are off-set values.)

☆ When the four items (No.6, 7, 8 and 9) are adjusted in the video mode, the setting values in each item are revised independently.

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	BRIGHT	000 — 127	063	
2	PICTURE	000 — 127	070	
3	COLOR	000 — 127	072	
4	TINT	000 — 127	063	
5	TV DETAIL	000 — 063	050	AV-36F702
	TV DETAIL	000 — 063	045	AV-36F802
6	EXT BRIGHT	±025	±000	
7	EXT PICT.	±025	+002	
8	EXT COLOR	±025	±000	
9	EXT TINT	±025	±000	
10	EXT DETAIL	000 — 063	050	AV-36F702
	EXT DETAIL	000 — 063	045	AV-36F802
11	CMP BRIGHT	±025	±000	
12	CMP PICT.	±025	±000	
13	CMP COLOR	000 — 127	068	
14	CMP TINT	000 — 127	068	
15	CMP DETAIL	000 — 063	050	
16	CMP R CUT	±025	–011	
17	CMP G CUT	±025	±000	
18	CMP B CUT	±025	–001	
19	CMP R DRV	±025	±000	
20	CMP B DRV	±025	±000	
21	WPL	000 / 001	001	
22	B. B. SW	000 / 001	000	
23	C TRAP	000 / 001	000	
24	CORING	000 / 001	000	AV-36F702
	CORING	000 / 001	001	AV-36F802
25	CMP CORING	000 / 001	001	
26	TV SHARPF	000 / 001	001	
27	EXT SHARPF	000 / 001	001	
28	CMP SHARPF	000 / 001	001	
29	RGB CONT	000 — 063	031	
30	TV ID SENS	000 / 001	000	
31	EXT ID SEN	000 / 001	001	
32	F ID	000 / 001	000	
33	Y MUTE	000 / 001	000	
34	AUDIO ATT	000 — 127	127	
35	SUB CONT	000 — 015	008	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
36	R Y GAIN	000 / 001	001	
37	CMP R Y GA	000 / 001	001	
38	G Y PHASE	000 / 001	000	
39	CMP G Y PH	000 / 001	000	
40	CD MATRIX	000 — 003	003	
41	CMP CD MAT	000 — 003	002	
42	BLACK ST	000 — 003	001	
43	DC REST	000 — 003	001	
44	COLOR GMM	000 / 001	000	
45	UV/CBCR	000 / 001	001	
46	AT FLESH	000 / 001	000	
47	ABL GAIN	000 — 003	000	
48	ABL ST PNT	000 — 003	003	
49	RGB ABCL	000 / 001	001	
50	TV BPF TOF	000 / 001	000	
51	EXT BPF TOF	000 / 001	000	
52	GMM PNT	000 — 003	003	
53	SVM GAIN	000 — 003	002	
54	CMP SVM GA	000 — 003	002	
55	SVM PHASE	000 / 001	000	
56	AUDIO SW	000 / 001	000	
57	BUZZ	000 / 001	000	
58	IF FREQ	000 / 001	000	
59	RF AGC	000 — 063	045	
60	AFT MUTE	000 / 001	000	
61	AFT SENS	000 / 001	001	
62	R/G DRV SW	000 / 001	001	
63	BLK SW	000 / 001	000	
64	V S COR	000 — 015	010	
65	V LIN	000 — 015	007	
66	V SIZE	000 — 127	063	
67	V AGC	000 / 001	000	
68	V CENTER	000 — 063	052	
69	TV AFC	000 — 003	000	
70	EXT AFC	000 — 003	002	
71	V POSI	000 — 007	000	
72	H POSI	000 — 031	020	
73	H SIZE	000 — 063	028	
74	TV V FREQ	000 — 003	000	
75	EXT V FREQ	000 — 003	003	
76	SIDE PIN	000 — 063	025	
77	STAND BY	000 / 001	000	
78	TRAPEZ	000 — 063	035	
79	V RAMP REF	000 / 001	001	
80	V 48HZ	000 / 001	000	
81	V EHT	000 — 007	000	
82	TOP PIN	000 — 031	012	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
83	H EHT	000 — 007	000	
84	BTM PIN	000 — 031	011	
85	V BLK LOW	000 — 003	000	
86	V BLK UP	000 — 003	000	
87	CAPTION IN	000 / 001	000	
88	H BLK	000 / 001	000	
89	SCREEN	000 / 001	000	
90	ACB SW	000 / 001	000	
91	ACB PULSE	000 — 015	007	
92	OVER MODU	000 / 001	001	
93	APACON LIM	000 / 001	001	
94	TEST	000 — 255	128	
95	RF S/N TY	000 — 002	002	AV-36F702
	RF S/N TY	000 — 002	001	AV-36F802
96	EXT S/N TY	000 — 002	002	AV-36F702
	EXT S/N TY	000 — 002	001	AV-36F802
97	RF SN YC E	000 — 255	005	
98	RF SN YC F	000 — 255	016	
99	RF SN YC G	000 — 063	032	
100	RF SN YC H	000 — 255	025	
101	EX SN YC E	000 — 255	005	
102	EX SN YC F	000 — 255	016	
103	EX SN YC G	000 — 063	032	
104	EX SN YC H	000 — 255	025	
105	RF SN VC 1	000 — 063	000	
106	RF SN VC 2	000 — 063	007	
107	RF SN VC 3	000 — 063	014	
108	RF SN VC 4	000 — 063	021	
109	EX SN VC 1	000 — 063	000	
110	EX SN VC 2	000 — 063	007	
111	EX SN VC 3	000 — 063	014	
112	EX SN VC 4	000 — 063	021	
113	COR LEVEL	000 — 003	003	
114	VNR CHK	000 — 255	003	
115	YC SN TIME	000 — 255	005	
116	VC SN TIME	000 — 255	005	
117	VM DATA A	±127	+008	
118	VM DATA B	±127	–004	
119	VM DATA C	±127	–016	
120	VM DATA D	000 / 001	001	
121	VC SN STOP	000 — 255	010	
122	CH MUTE	000/001	000	
123	VM OFF TY	000/001	000	
124	VC VM OFF	000/001	001	
125	YC VM OFF	000 — 255	255	
126	F LOCK	000 — 002	002	
127	VF LOCK EX	000/001	000	
128	PURI RGB	000 — 063	031	
129	PURI BCK	000/001	000	

● SOUND MODE

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	NOISE DET.	000 / 001	001	
2	IN LEVEL	000 — 063	025	
3	FH MONITOR	000 / 001	000	
4	STEREO VCO	000 — 063	030	
5	PILOT CAN.	000 / 001	000	
6	FILTER	000 — 063	030	
7	LOW SEP.	000 — 063	028	
8	HI SEP.	000 — 063	025	
9	5FH MON.	000 / 001	000	
10	SAP VCO	000 — 063	003	
11	IN GAIN	000 / 001	000	
12	FIL. OFFSET	±010	±000	
13	BBE BASS	±010	+001	
14	BBE TRE	±010	–001	

● THEATER MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
TINT	±20	–06	
COLOR	±20	–03	
PICTURE	±50	–15	
BRIGHT	±20	±00	
DETAIL	±20	+03	
R CUT.	±20	±00	
G CUT.	±20	±00	
B CUT.	±20	±00	
R DRIVE	±99	+07	
B DRIVE	±99	–25	
DC REST.	00 — 03	01	
BLK ST.	00 — 03	00	
GMM PNT	00 — 03	01	
CD MATRIX	00 — 03	01	
RY GAIN	00 / 01	01	
GY PHASE	00 / 01	00	
CORING	00 / 01	01	
CMP CD M	00 — 03	01	
CMP RY G	00 / 01	01	
CMP GY P	00 / 01	00	
CMP COR	00 / 01	01	

● OTHERS MODE

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	OSD POS.	000 — 007	002	
2	CCD POS.	000 — 015	003	
3	EOSEL	000 / 001	000	
4	MENU COLOR	000 — –030	–010	
5	MENU PICT.	000 — –030	–010	
6	MENU BRI.	000 — –030	–010	

● PIP MODE [Only for AV-36F802]

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	PIP BR	000 — 015	005	
2	PIP PICT	030 — 045	045	
3	PIP TINT	000 — 063	036	
4	PIP COL	000 — 015	010	
5	P R CUT	000 — 015	003	
6	P G CUT	000 — 015	000	
7	P B CUT	000 — 015	002	
8	P R DR	000 — 255	052	
9	P G DR	000 — 255	055	
10	P B DR	000 — 255	060	
11	LEFT POS.	000 — 255	012	
12	RIGHT POS.	000 — 255	026	
13	UPPER POS.	000 — 127	012	
14	LOWER POS.	000 — 127	011	
15	PICT LOCK	000 / 001	001	
16	SELDEL	000 — 015	000	
17	AGCFIX	000 / 001	001	
18	AGCADST	000 / 001	000	
19	AGC	000 — 015	007	
20	VSPDEL	000 — 031	000	
21	VSPISQ	000 / 001	001	
22	YCOR	000 / 001	001	
23	XFREQF	000 / 001	001	
24	WTCHDG	000 / 001	001	
25	COLON	000 / 001	000	
26	ACQNEW	000 / 001	000	
27	DSTDET	000 / 001	001	
28	CRIBEOK	000 / 001	000	
29	FCBEOK	000 / 001	000	
30	NOCRID	000 / 001	000	
31	NONSED	000 / 001	000	

● 3-D Y/C MODE [Only for AV-36F802]

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
1	YC 001	000 ~ 003	001	
2	YC 002	000 ~ 003	001	
3	YC 003	000 ~ 003	001	
4	YC 004	000 ~ 003	000	
5	YC 005	000 ~ 003	000	
6	YC 006	000 ~ 003	000	
7	YC 007	000 ~ 003	003	
8	YC 008	000 ~ 003	000	
9	YC 009	000 ~ 003	001	
10	YC 010	000 ~ 003	000	
11	YC 011	000 ~ 007	004	
12	YC 012	000 ~ 007	002	
13	YC 013	000 ~ 015	002	
14	YC 014	000 ~ 015	010	
15	YC 015	000 ~ 015	002	
16	YC 016	000 ~ 015	004	
17	YC 017	000 / 001	000	
18	YC 018	000 / 001	000	
19	YC 019	000 ~ 003	002	
20	YC 020	000 / 001	000	
21	YC 021	000 / 001	000	
22	YC 022	000 ~ 003	002	
23	YC 023	000 / 001	000	
24	YC 024	000 / 001	000	
25	YC 025	000 / 001	000	
26	YC 026	000 ~ 003	000	
27	YC 027	000 ~ 003	001	
28	YC 028	000 ~ 003	001	
29	YC 029	000 ~ 003	001	
30	YC 030	000 ~ 003	001	
31	YC 031	000 ~ 003	002	
32	YC 032	000 / 001	000	
33	YC 033	000 ~ 007	000	
34	YC 034	000 ~ 015	000	
35	YC 035	000 ~ 007	002	
36	YC 036	000 ~ 031	015	
37	YC 037	000 ~ 003	000	
38	YC 038	000 ~ 015	009	
39	YC 039	000 ~ 003	001	
40	YC 040	000 ~ 003	001	
41	YC 041	000 / 001	000	
42	YC 042	000 / 001	000	
43	YC 043	000 / 001	000	
44	YC 044	000 / 001	001	
45	YC 045	000 ~ 015	003	
46	YC 046	000 ~ 015	012	
47	YC 047	000 ~ 015	008	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
48	YC 048	000 ~ 015	004	
49	YC 049	000 ~ 015	010	
50	YC 050	000 / 001	001	
51	YC 051	000 / 001	001	
52	YC 052	000 ~ 003	000	
53	YC 053	000 / 001	000	
54	YC 054	000 / 001	001	
55	YC 055	000 / 001	001	
56	YC 056	000 / 001	001	
57	YC 057	000 ~ 015	000	
58	YC 058	000 / 001	000	
59	YC 059	000 / 001	001	
60	YC 060	000 ~ 003	000	
61	YC 061	000 ~ 015	000	
62	YC 062 DBL	000 ~ 007	002	
63	YC 063 N/A	000 ~ 015	002	
64	YC 064 N/A	000 ~ 015	004	
65	YC 065 N/A	000 ~ 015	002	
66	YC 066 N/A	000 ~ 015	004	
67	YC 067	000 / 001	000	
68	YC 068	000 / 001	000	
69	YC 069	000 / 001	000	
70	YC 070 FIX	000 ~ 003	000	
71	YC 071	000 / 001	000	
72	YC 072	000 / 001	000	
73	YC 073	000 / 001	001	
74	YC 074 FIX	000 / 001	000	
75	YC 075 FIX	000 / 001	000	
76	YC 076	000 / 001	001	
77	YC 077 FIX	000 / 001	000	
78	YC 078 FIX	000 / 001	000	
79	YC 079 FIX	000 ~ 007	005	
80	YC 080 FIX	000 ~ 015	000	
81	YC 081 FIX	000 ~ 015	008	
82	YC 082 FIX	000 ~ 015	004	
83	YC 083 FIX	000 ~ 015	004	
84	YC 084 DBL	000 ~ 255	112	
85	YC 085 DBL	000 ~ 255	008	
86	YC 086	000 / 001	001	
87	YC 087	000 ~ 003	003	
88	YC 088	000 / 001	001	
89	YC 089	000 / 001	000	
90	YC 090	000 / 001	000	
91	YC 091	000 / 001	000	
92	YC 092 N/A	000 / 001	000	
93	YC 093 N/A	000 / 001	000	
94	YC 094 DBL	000 ~ 003	001	

No.	Setting (Adjustment) item	Variable range	Initial setting value	Remark
95	YC 095 DBL	000 / 001	001	
96	YC 096 DBL	000 / 001	001	
97	YC 097 DBL	000 / 001	000	
98	YC 098 DBL	000 / 001	000	
99	YC 099 DBL	000 ~ 003	000	
100	YC 100 DBL	000 ~ 003	000	
101	YC 101 DBL	000 / 001	000	
102	YC 102 DBL	000 / 001	000	
103	YC 103 DBL	000 / 001	001	
104	YC 104 DBL	000 / 001	000	
105	YC 105 DBL	000 / 001	000	
106	YC 106 DBL	000 / 001	000	
107	YC 107 DBL	000 ~ 007	002	
108	3-D Y/C	000 / 001	001	

● LOW LIGHT MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
R CUTOFF	0 — 255	085	
G CUTOFF	0 — 255	085	
B CUTOFF	0 — 255	085	

● HIGH LIGHT MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
R DRIVE	0 — 127	060	
B DRIVE	0 — 127	060	

● RF AFC1 MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
RF AFC1	ON / OFF	ON (DO NOT ADJUST)	
FINE	-77 — +77	±××	

● RF AFC2 MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
RF AFC2	ON / OFF	ON (DO NOT ADJUST)	
FINE	-77 — +77	±××	

● I2C BUS CTRL MODE

Setting (Adjustment) item	Variable range	Initial setting value	Remark
I2C BUS	ON/OFF	[FIXED ON] (DO NOT ADJUST)	

ADJUSTMENTS

B1 POWER SUPPLY

Item	Measuring instrument	Test point	Adjustment part	Description
Check of B1 POWER SUPPLY	**DC Voltmeter**	**R507 C504 side (B1)** **Q511 heatsink (⏚)** **[Main PWB]**		1. Receive a black-and-white signal. 2. Connect the DC Voltmeter to R507 C504 side (B1) and Q511 heatsink (⏚). 3. Confirm that the voltage is DC134V $^{+2V}_{-2V}$.

ADJUSTMENT OF RF AGC

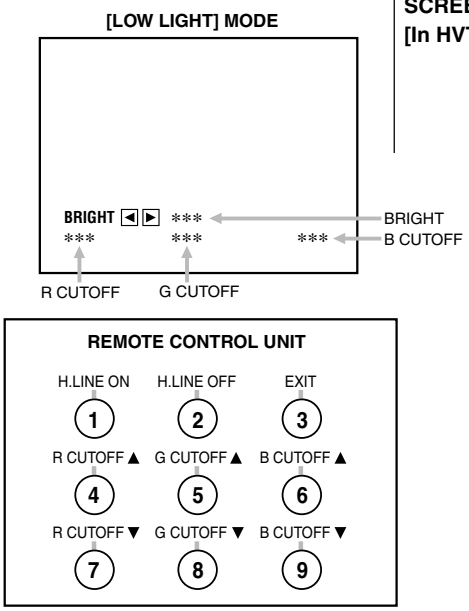
Item	Measuring instrument	Test point	Adjustment part	Description
RF AGC adjustment	**Remote control unit**		**No.59 RF AGC**	1. Receive a broadcast. 2. Select the No.59 RF AGC of the PICTURE MODE. 3. Press the MUTING key of the remote control unit to turn off color. 4. With the LEFT key of the remote control unit, get noise in the screen picture. (0 side of setting value) 5. Press the RIGHT key of the remote control unit and stop when noise disappears from the screen. 6. Change to other channels and make sure that there Is no irregularity. 7. Press the MUTING key and get color out.

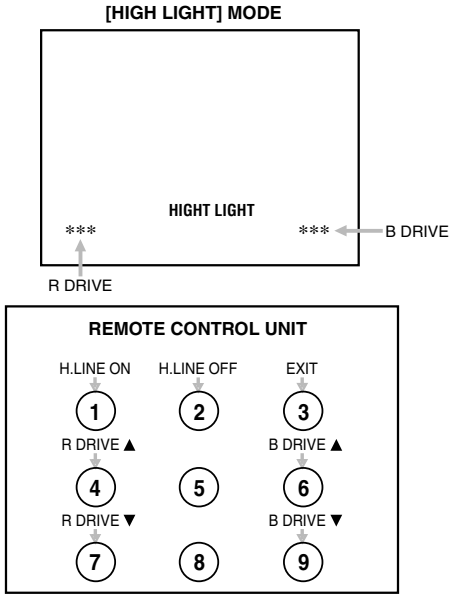
ADJUSTMENT OF FOCUS

Item	Measuring instrument	Test point	Adjustment part	Description
FOCUS adjustment	**Signal generator** **Remote control unit**		**FOCUS VR [In HVT]** **H VR [In HVT]**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of B1 POWER SUPPLY, SUB BRIGHT and PICTURE. • Set VIDEO STATUS to “STANDARD”. • The final adjustment of CONVERGENCE must be done after the FOCUS adjustment. (CONVERGENCE is changed by FOCUS adjustment.) When makes difference by FOCUS adjustment, should be reconfirming PURITY adjustment. 1. Receive a crosshatch signal. 2. While looking at the screen center, adjust the FOCUS VR so that the horizontal lines will be clear and in fine detail. 3. Adjust the H VR so that the vertical lines will be clear and in fine detail. 4. Make sure that the picture is in focus even when the screen gets darkened.

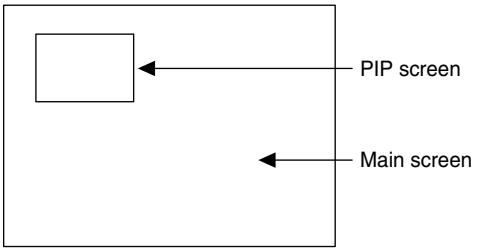
ADJUSTMENT OF WHITE BALANCE

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (Low Light) adjustment	**Signal generator** **Remote control unit**		**No.1 BRIGHT** **R CUTOFF** **G CUTOFF** **B CUTOFF** **SCREEN VR [In HVT]**	**Note :** Set VIDEO STATUS to “STANDARD”. 1. Receive a black-and-white signal.(Color off) 2. Select the [LOW LIGHT] MODE from the SERVICE MENU. 3. Set the initial setting value of BRIGHT is 063 with the LEFT / RIGHT key of the remote control unit. 4. Set the initial setting value of R CUTOFF, G CUTOFF and B CUT-OFF is 085 with the ④ to ⑨ key of the remote control unit. 5. Display a single horizontal line by pressing the ① key of the remote control unit. 6. Turn the screen VR all the way to the left. 7. Turn the screen VR gradually to the right from the left until either one of the red, blue or green colors appears faintly. 8. Adjust the two colors which did not appear until the single horizontal line that is displayed becomes white using the ④ to ⑨ keys of the remote control unit. 9. Turn the screen VR to where the single horizontal line glows faintly. 10. Press the ② key to return to the regular screen. * The ③ EXIT key is the cancel key for the WHITE BALANCE.
WHITE BALANCE (High Light) adjustment	**Signal generator** **Remote control unit**		**R DRIVE** **B DRIVE**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of LOW LIGHT WHITE BALANCE. • Set VIDEO STATUS to “STANDARD”. 1. Receive a black-and-white signal. (Color off) 2. Select the [HIGH LIGHT] MODE from the SERVICE MENU. 3. Set the initial setting value of R DRIVE and B DRIVE is 060 with the ④, ⑥, ⑦ and ⑨ keys of the remote control unit. 4. Adjust the screen until it becomes white using the ④, ⑥, ⑦ and ⑨ keys of the remote control unit. * The ③ (EXIT) key is the cancel key for the WHITE BALANCE.





Item	Measuring instrument	Test point	Adjustment part	Description
PIP HIGH LIGHT WHITE BALANCE adjustment [AV-36F802]	**Signal generator** **Remote control unit**		**No.8 P R DR** **No.10 P B DR**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of LOW LIGHT WHITE BALANCE and HIGH LIGHT WHITE BALANCE for the main picture. • Set VIDEO STATUS to “STANDARD”. 1. Receive a black-and-white signal. (Color off) 2. Select the PIP MODE from the SERVICE MENU. 3. Then adjust the white color of the PIP screen using the No. 8 P R DR and the No. 10 P B DR of the PIP MODE so that it is the same brightness as the main screen.



ADJUSTMENT OF BRIGHT

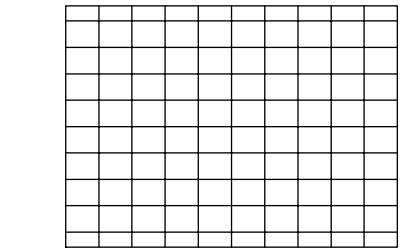
Item	Measuring instrument	Test point	Adjustment part	Description
SUB BRIGHT adjustment	**Remote control unit**		**No.1 BRIGHT**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of LOW LIGHT WHITE BALANCE and HIGH LIGHT WHITE BALANCE. • Set VIDEO STATUS to “STANDARD”. 1. Receive a broadcast. 2. Select the No.1 BRIGHT of the PICTURE MODE. 3. Set the initial setting value of the No.1 BRIGHT with the LEFT / RIGHT key of the remote control unit. 4. If the brightness is not best with the initial setting value, make fine adjustment of the No.1 BRIGHT until you get the optimum brightness.

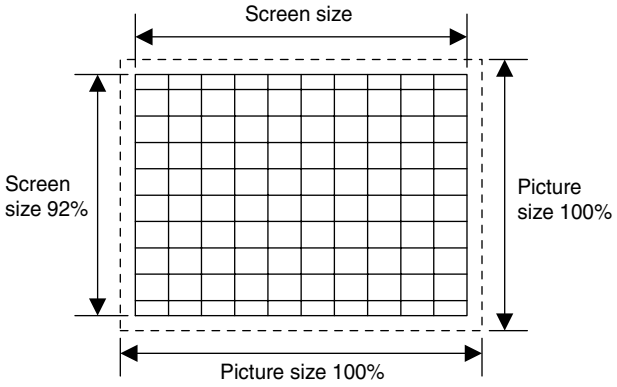
ADJUSTMENT OF CONTRAST

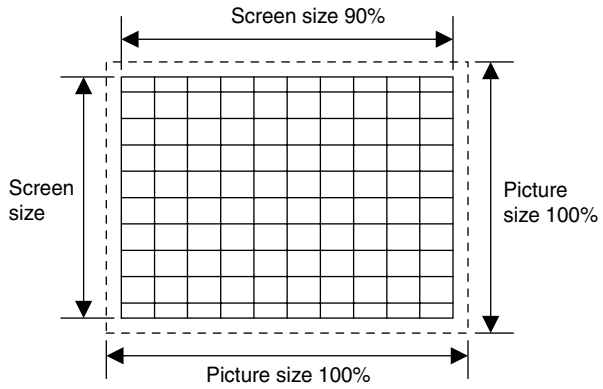
Item	Measuring instrument	Test point	Adjustment part	Description
SUB CONTRAST adjustment	**Remote control unit**		**No.2 PICTURE**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of SUB BRIGHT. • Set VIDEO STATUS to “STANDARD”. 1. Receive a broadcast. 2. Select the No.2 PICTURE of the PICTURE MODE. 3. Set the initial setting value of the No.2 PICTURE with the LEFT / RIGHT key of the remote control unit. 4. If the contrast is not best with the initial setting value, make fine adjustment of the No.2 PICTURE until you get the optimum contrast.

ADJUSTMENT OF DEFLECTION

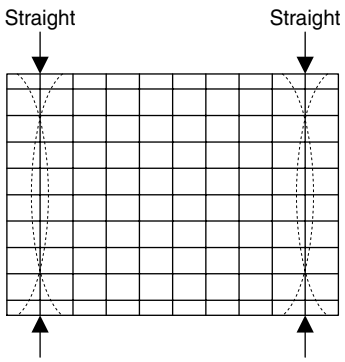
Item	Measuring instrument	Test point	Adjustment part	Description
V CENTER and TRAPEZIUM adjustment	**Signal generator** **Remote control unit**		**No.68 V CENTER** **No.78 TRAPEZ**	**Note:** Proceed to the following this adjustment after having completed the adjustments of SUB BRIGHT and SUB CONTRAST. 1. Receive a crosshatch signal. 2. Adjust the No.68 V CENTER of the PICTURE MODE to be the same between the CRT vertical center and crosshatch vertical center. 3. Adjust the No.78 TRAPEZ of the PICTUER MODE to be the vertical lines straight. 4. Confirm the vertical lines to be straight. If it is not straight, adjust to be straight at the No.78 TRAPEZ.
V-SIZE and V-LINEARITY adjustment	**Signal generator** **Remote control unit**		**No.66 V SIZE** **No.65 V LIN**	**Note:** Proceed to the following this adjustment after having completed the adjustments of SUB BRIGHT and SUB CONTRAST. 1. Receive a crosshatch signal. 2. Select the No.66 V SIZE of the PICTURE MODE to squeeze the laster. 3. Adjust the No.65 V LIN of the PICTURE MODE to be symmetrical. 4. Adjust the No.66 V SIZE until the vertical screen size is 92%.
H SIZE and H POSITION adjustment	**Signal generator** **Remote control unit**		**No.73 H SIZE** **No.72 H POSI**	**Note:** Proceed to the following this adjustment after having completed the adjustments of FOCUS, SUB BRIGHT, SUB CONTRAST, V CENTER, TRAPEZIUM, V-SIZE and V-LINEARITY. 1. Receive a crosshatch signal. 2. Select the No.73 H SIZE of the PICTURE MODE. 3. Set the initial setting value of the No.73 H SIZE with the LEFT / RIGHT key of the remote control unit. 4. Adjust the No.73 H SIZE until the horizontal screen size is 90%. 5. Adjust the No.72 H POSI until the screen will be horizontally centered.

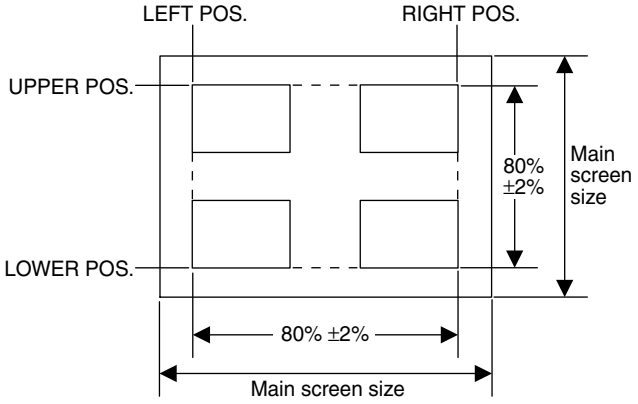




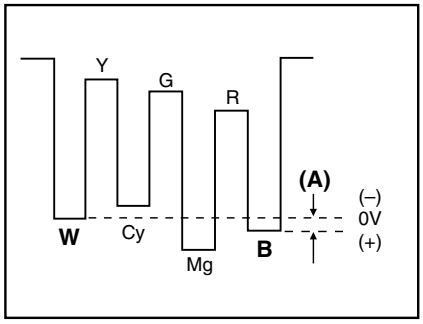
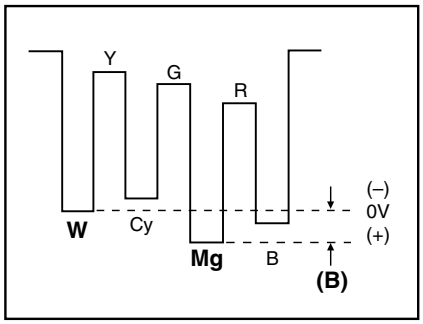


Item	Measuring instrument	Test point	Adjustment part	Description
SIDE PIN and CORNER PIN adjsutment	**Signal generator** **Remote control unit**		**No.76 SIDE PIN** **No.82 TOP PIN** **No.84 BTM PIN**	**Note:** Proceed to the following this adjustment after having completed the adjustments of FOCUS, SUB BRIGHT, SUB CONTRAST, V CENTER, TRAPEZIUM, V-SIZE and V-LINEARITY. 1. Receive a crosshatch signal. 2. Adjust such that vertical 2nd lines from left and right to be straight at the No.76 SIDE PIN of the PICTURE MODE. 3. Adjust the end of vertical 2nd lines from left and right to be straight at the No.82 TOP PIN and the No.84 BTM PIN of the PICTURE MODE.
PIP DISPLAY POSITION adjustment [AV-36F802]	**Remote control unit**		**No.11 LEFT POS.** **No.12 RIGHT POS.** **No.13 UPPER POS.** **No.14 LOWER POS.**	**Notes:** • Proceed to the following this adjustment after having completed the adjustments of V CENTER, TRAPEZIUM, V-SIZE, V-LINEARITY, H SIZE, H POSITION, SIDE PIN and CORNER PIN for the main picture. • Set VIDEO STATUS to “STANDARD”. 1. Receive a broadcast. 2. Select the PIP MODE from the SERVICE MENU. 3. Then adjust the PIP screen size so that it occupies 80% ± 2% of the main screen area.



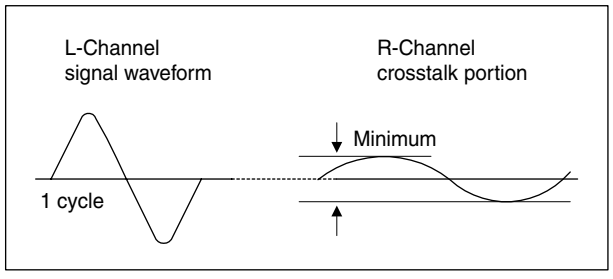


ADJUSTMENT OF CHROMA

Item	Measuring instrument	Test point	Adjustment part	Description
SUB COLOR adjustment	**Signal generator** **Oscilloscope** **Remote control unit**	**TP-B** **TP-E1 (⏚)** **[CRT SOCKET PWB]**	**No.3 COLOR**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment without measuring instrument]** 1. Receive a broadcast. 2. Select the No.3 COLOR of the PICTURE MODE. 3. Set the initial setting value of the No.3 COLOR with the LEFT/RIGHT key of the remote control unit. 4. If the color is not the best with the Initial setting value, make fine adjustment of the No.3 COLOR until you get the optimum color.
				**Notes:** • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment using measuring instrument]** 1. Input the full field color bar signal (75% white). 2. Select the No.3 COLOR of the PICTURE MODE. 3. Set the initial setting value of the No.3. COLOR with the LEFT/RIGHT key of the remote control unit. 4. Connect the oscilloscope between TP-B and TP-E1. 5. Adjust COLOR and bring the value of (A) in the illustration to the voltage +26V (V_{W-B}).
SUB TINT adjustment	**Signal generator** **Oscilloscope** **Remote control unit**	**TP-B** **TP-E1 (⏚)** **[CRT SOCKET PWB]**	**No.4 TINT**	**Notes:** • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment without measuring instrument]** 1. Receive a broadcast. 2. Select the No.4 TINT of the PICTURE MODE. 3. Set the initial setting value of the No.4 TINT with the LEFT/RIGHT key of the remote control unit. 4. If the tint is not the best with the initial setting value, make fine adjustment of the No.4 TINT until you get the optimum tint.
				**Notes:** • Proceed to the following this adjustment after having completed the adjustment of CONTRAST. • Set VIDEO STATUS to “STANDARD”. **[Method of adjustment using measuring instrument]** 1. Input the full field color bar signal (75% white). 2. Select the No.4 TINT of the PICTURE MODE. 3. Set the initial setting value of the No.4 TINT with the LEFT/RIGHT key to the remote control unit. 4. Connect the oscilloscope between TP-B and TP-E1. 5. Adjust TINT and bring the value of (B) in the illustration to the voltvoltage +14V (V_{W-Mg}).

ADJUSTMENT OF MTS CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL check	**Remote control unit**		**No.2 IN LEVEL**	1. Select the No.2 IN LEVEL of the SOUND MODE. 2. Verify that the No.2 IN LEVEL is set at its initial setting value.
MTS STEREO VCO adjustment	**Signal generator** **Frequency counter** **Remote control unit**	**2 pin AUDIO R** **3 pin GND** **[MPX Connector in MAIN PWB]**	**No.3 FH MONITOR** **No.4 STEREO VCO**	**Note:** Menu “MTS” is set to “STEREO” 1. Receive a RF signal (nonmodulated sound signal) from the antenna terminal. 2. Select the No.3 FH MONITOR of SOUND MODE, and change the setting value from 0 to 1. 3. Connect the Frequency Counter to pin 2 of [MPX] connector and GND (Pin 3 of [MPX] connector). 4. Select the No.4 STEREO VCO. 5. Set the initial setting value of the No.4 STEREO VCO with the LEFT/RIGHT key of the remote control unit. 6. Adjust the No.4 STEREO VCO so that the frequency counter will display 15.73kHz±0.1kHz. 7. Select the No.3 FH MONITOR of the SOUND MODE, and reset the setting value from 1 to 0.
MTS SAP VCO adjustment	**Signal generator** **Frequency counter** **Remote control unit** **Resister [1MΩ]**	**4 pin TP_952.5** **3 pin GND** **2 pin AUDIO_R** **[MPX Connector in MAIN PWB]**	**No.9 5FH MON.** **No.10 SAP VCO**	1. Receive a RF signal (non modulated sound signal) from the antenna terminal. 2. Connect between pin 4 of [MPX] connector and GND (Pin 3 of [MPX] connector) through 1MΩ Resistor. 3. Select the No.9 5FH MON. of the SOUND MODE, and reset the setting value from 0 to 1. 4. Connect the Frequency Counter to pin 2 of [MPX] connector and GND (Pin 3 of [MPX] connector) . 5. Select the No.10 SAP VCO. 6. Set the initial setting value of the No.10 SAP VCO with the LEFT/RIGHT key of the remote control unit. 7. Adjust the No.10 SAP VCO so that the frequency counter will display 78.67kHz±0.5kHz. 8. Select the No.9 5FH MON. of the SOUND MODE, and reset the setting value from 1 to 0.
MTS FILTER check	**Remote control unit**		**No.6 FILTER**	1. Select the No.6 FILTER of the SOUND MODE. 2. Verify that the No.6 FILTER is set at its initial setting value.
MTS SEPARATION adjustment	**TV audio multiplex signal generator** **Oscilloscope** **Remote control unit**	**1 pin AUDIO_L** **2 pin AUDIO_R** **3 pin GND** **[MPX Connector in MAIN PWB]**	**No.7 LOW SEP.** **No.8 HI SEP.**	**Note:** Menu “MTS” is set to “STEREO” 1. Input a stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. 2. Connect an oscilloscope to pin 1 of [MPX] connector, and display one cycle portion of the 300Hz signal. 3. Change the connection of the oscilloscope to pin 2 of [MPX] connector, and enlarge the voltage axis. 4. Select the No.7 LOW SEP. of the SOUND MODE. 5. Set the initial setting value of the No.7 LOW SEP. with the LEFT/RIGHT key of the remote control unit. 6. Adjust the No.7 LOW SEP. so that the 300Hz signal level will become minimum. 7. Change the signal to 3kHz, and connect an oscilloscope to pin 1 of [MPX] connector. 8. Adjust the No.8 HI SEP. so that the 3kHz signal level will become minimum.

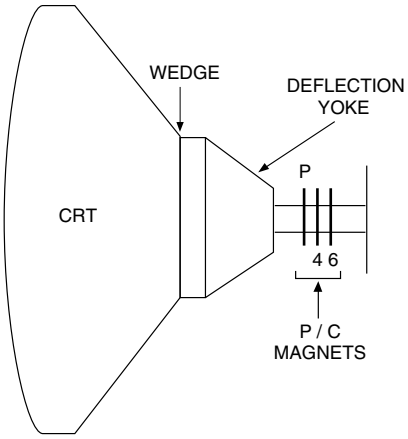


ADJUSTMENTS OF PURITY AND CONVERGENCE

Note: The final adjustment of CONVERGENCE must be done after the FOCUS adjustment. (CONVERGENCE is changed by FOCUS adjustment.)
When makes difference by FOCUS adjustment, should be reconfirming PURITY adjustment.

PURITY ADJUSTMENT

1. Demagnetize CRT with the demagnetizer.
2. Loosen the retainer screw of the deflection yoke.
3. Remove the wedges.
4. Input a green raster signal from the signal generator, and turn the screen to green raster.
5. Move the deflection yoke backward.
6. Bring the long lug of the purity magnets on the short lug and position them horizontally. (Fig.2)
7. Adjust the gap between two lugs so that the GREEN RASTER will come into the center of the screen. (Fig.3)
8. Move the deflection yoke forward, and fix the position of the deflection yoke so that the whole screen will become green.
9. Insert the wedge to the top side of the deflection yoke so that it will not move.
10. Input a crosshatch signal.
11. Verify that the screen is horizontal.
12. Input red and blue raster signals, and make sure that purity is properly adjusted.



• P/C MAGNETS

P : PURITY MAGNET
4 : 4 POLES (convergence magnets)
6 : 6 POLES (convergence magnets)

Fig. 1

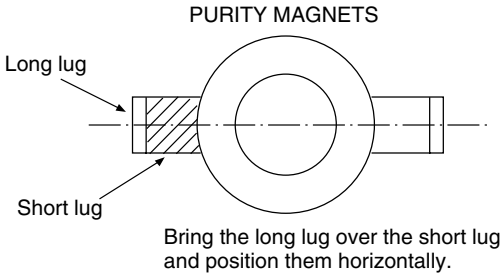


Fig. 2

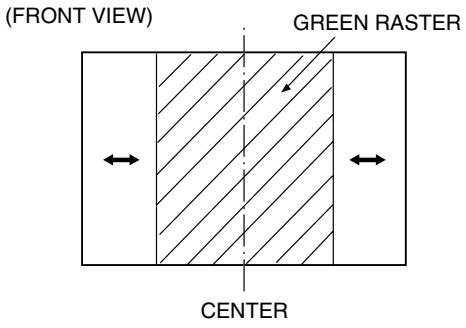


Fig. 3

STATIC CONVERGENCE ADJUSTMENT

1. Input a crosshatch signal.
2. Using 4-pole convergence magnets, overlap the red and blue lines in the center of the screen (Fig. 4) and turn them to magenta (red/blue).
3. Using 6-pole convergence magnets, overlap the magenta(red/blue) and green lines in the center of the screen and turn them to white.
4. Repeat 2 and 3 above, and make best convergence.

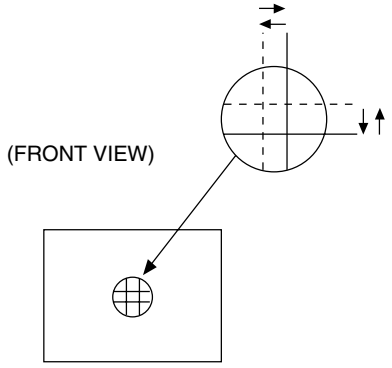


Fig. 4

DYNAMIC CONVERGENCE ADJUSTMENT

1. Move the deflection yoke up and down and overlap the lines in the periphery. (Fig. 5)
2. Move the deflection yoke left to right and overlap the lines in the periphery. (Fig. 6)
3. Repeat 1 and 2 above, and make best convergence.

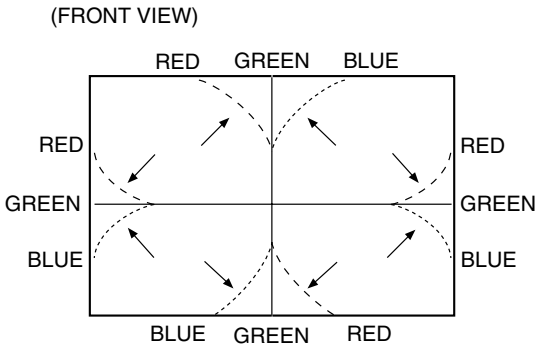


Fig. 5

- After adjustment, fix the wedge at the original position.
  Fasten the retainer screw of the deflection yoke.
  Fix the P/C magnets with glue.

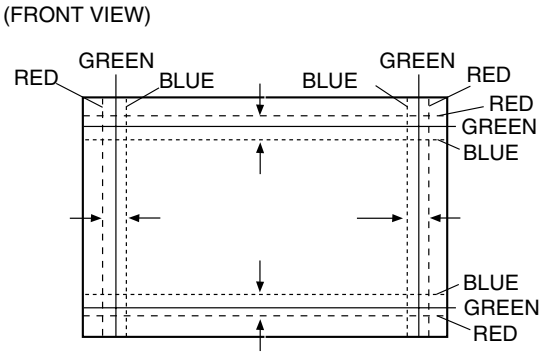


Fig. 6

HOW TO CHECK THE HIGH VOLTAGE HOLD DOWN CIRCUIT

1. HIGH VOLTAGE HOLD DOWN CIRCUIT

After repairing the high voltage hold down circuit shown in Fig. 1.
This circuit shall be checked to operate correctly.

2. CHECKING OF THE HIGH VOLTAGE HOLD DOWN CIRCUIT

(1) Turn the POWER SW ON.
(2) As shown in Fig. 1, set the resistor (between [S1] connector [2] & [3]).
(3) Make sure that the screen picture disappears.
(4) Temporarily unplug the power cord.
(5) Remove the resistor (between [S1] connector [2] & [3]).
(6) Again plug the power cord, make sure that the normal picture is displayed on the screen.

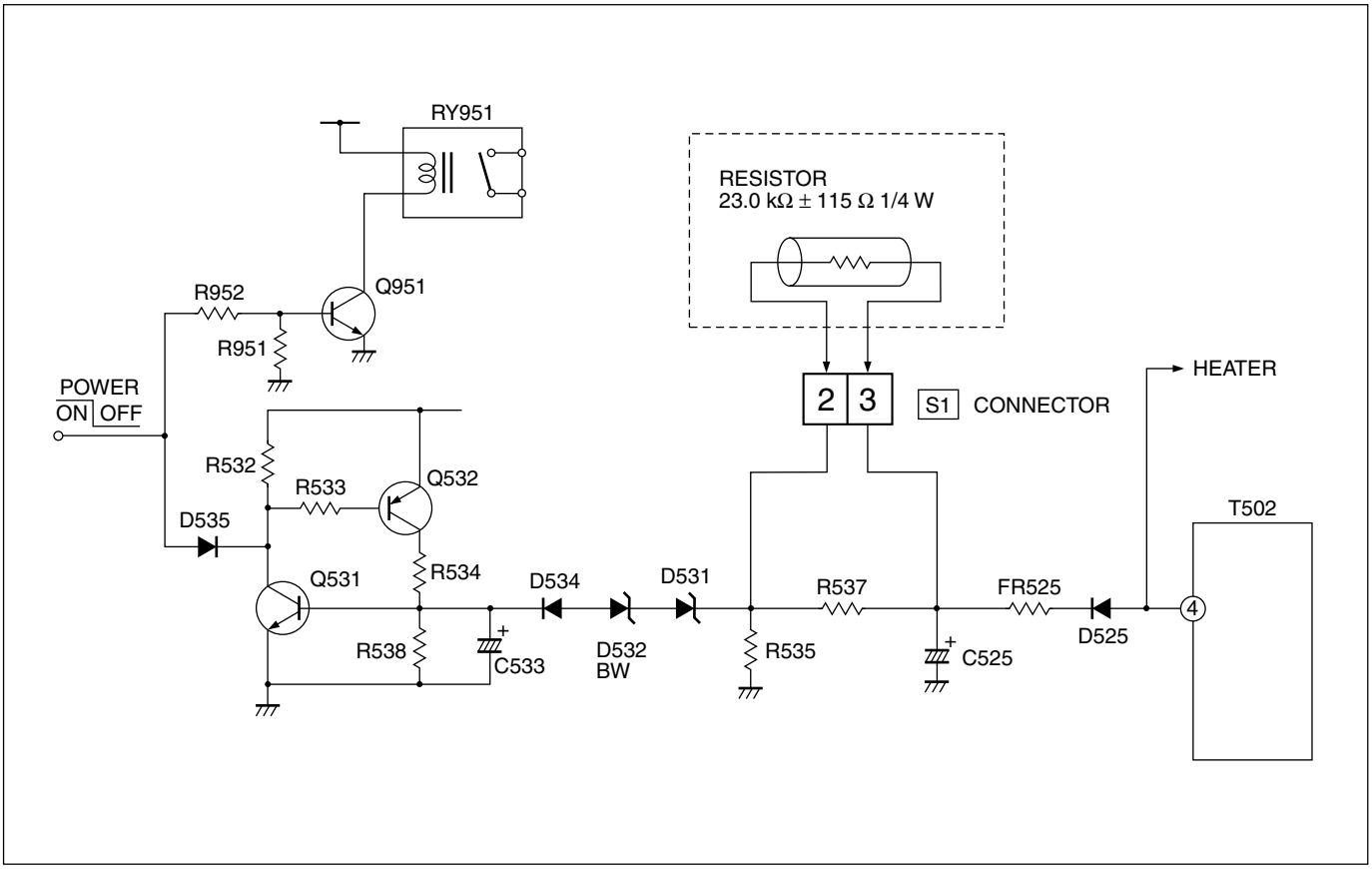


Fig. 1

SELF CHECK FUNCTIONS

1. Outline

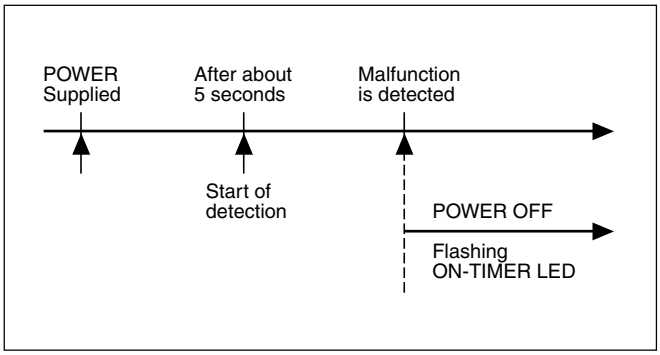
This model has self check functions given below. When a malfunction has been detected, the POWER is turned off and the LED flashes to inform of the failure . The malfunction is detected by the signal input state of the control line connected to the microcomputer.

2. Self check items

Check item	Details of detection	Method of detection	State of malfunction
Over-current protector	Operation of B1 protector circuit.	The microcomputer detects at 1 second intervals. If NG is detected for more than 200 ms, a malfunction is interpreted.	When a malfunction has been detected, the POWER is turned off. While the POWER is being turned off , the power key of the remote controller is not operational until the power code is taken out and put in again.

3. Self check indicating function

The self-check function begins detection about 5 seconds after power is supplied.
In the event a malfunction is detected, the power is cut off immediately.
At this time, the ON-TIMER LED flashes to inform of the malfunction.



[ON-TIMER LED indication]
The ON-TIMER LED flashes at 0.5 seconds intervals.

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